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AUTOMATIC COUNTERS

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AUTOMATIC COUNTERS

1980

Prepared by the

State of Montana Department of Highways

Planning and Research Bureau

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

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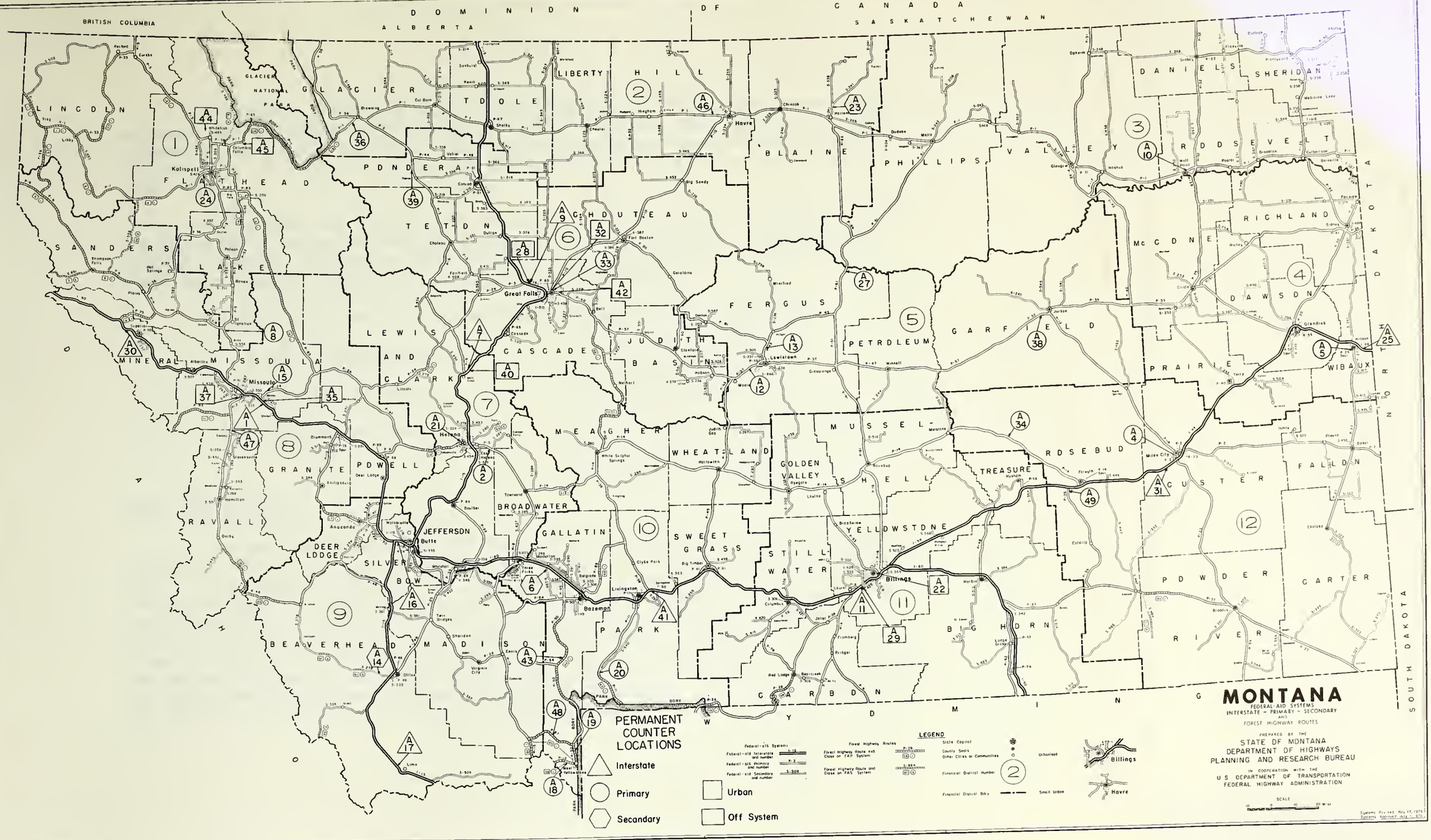
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Belfry

INTRODUCTION

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1980. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 46 automatic traffic counters were in operation during 1980.

At each recorder the highest, the 10th, the 20th, the 30th, and the 40th and the 50th highest hours that occured during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous eight years and 1941 and 1961 as to stability and accuracy.

The 46 counters are distributed to the Highway System as follows:

10 on Interstate Rural	4 on Secondary System
22 on Primary Rural	3 on FAU System
2 on Primary Urban	3 on Interstate Frontage Roads
	2 on Recreational Roads

30TH. MAXIMUM HOUR

The American Association of Highway Officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th. highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th. maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways." It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1

LOCATION I-90 - 10.0 miles East of Missoula

YEAR 1980

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 35.4 % Foreign Pass Cars 18.3 % Pickups 19.6 % Commercial 26.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2609	2766	2863	3140	3176	3529	2750	2984	3090	96.57	61.65
February	3318	3383	3344	3348	3557	4153	3451	3530	3585	98.47	72.93
March	4000	3630	3470	3737	3975	4594	4099	3927	3869	101.50	81.13
April	4697	4136	3849	3978	4292	5167	4590	4355	4250	102.47	89.97
May	4755	3782	3672	3973	4282	5298	4833	4413	4255	103.71	91.17
June	6245	5639	5349	5522	5743	6752	6468	5958	5793	102.85	123.09
July	7385	6640	6486	6527	7237	7280	6558	6861	6823	100.56	141.75
August	7250	6892	6814	6773	7080	7990	7433	7213	7152	100.85	149.02
September	6096	5689	5331	5555	5670	6466	6000	5808	5721	101.52	119.99
October	5201	4549	4420	4458	4744	5755	5338	4930	4811	102.47	101.85
November	4825	3720	4204	4582	4031	4690	4560	4394	4245	103.51	90.78
December	3637	3551	3681	3677	3342	4050	4097	3711	3657	101.48	76.67
Daily average for year	5002	4531	4457	4606	4761	5477	5015	4840	4771	101.45	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1

Route I-90 East of Missoula

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	164	11.7
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8	456	12.7	454	12.6
1972	3983	609	15.3	555	13.9	536	13.4	521	13.1	514	12.9	509	12.8
1973	4241	621	14.6	555	13.9	543	12.8	537	12.6	531	12.5	525	12.4
1974	4336	615	14.2	581	13.4	564	13.0	557	12.8	551	12.7	541	12.5
1975	4234	616	14.5	580	13.7	562	13.3	555	13.1	550	13.0	545	12.9
1976	4757	696	14.6	621	13.1	608	12.8	598	12.6	590	12.4	582	12.2
1977	5271	748	14.2	693	13.1	681	12.9	673	12.8	668	12.7	660	12.5
1978	5410	774	14.3	692	12.8	671	12.4	658	12.2	650	12.0	644	11.9
1979	5121	684	13.4	615	12.0	586	11.4	578	11.3	568	11.1	563	11.0
1980	4840	691	14.3	636	13.1	612	12.6	604	12.5	596	12.3	589	12.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2 YEAR 1980

LOCATION U.S. 12 & Mont. 287 - 0.5 miles East of East Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 46.4 % Foreign Pass Cars 8.3 % Pickups 32.1 % Commercial 13.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1572	1601	1534	1768	1737	2024	1577	1687	1726	97.74	65.55
February	2224	1989	1828	1710	1852	2377	2062	2019	1971	102.44	78.45
March	2305	1909	1782	1849	2068	2656	2276	2125	2046	103.86	82.56
April	3035	2274	1916	1983	2306	2960	2613	2408	2257	106.69	93.56
May	3554	1959	2164	2269	2504	3199	2836	2677	2482	107.86	104.01
June	3475	2841	2759	2776	2917	3457	3461	3101	2943	105.37	120.49
July	4063	3247	3020	3066	3384	3832	3425	3407	3290	103.56	132.37
August	3808	3195	2974	3009	3189	3886	3552	3410	3281	103.93	132.49
September	3119	2895	2583	2621	2688	3396	3220	2919	2828	103.22	113.41
October	3077	2521	2263	2202	2399	3233	3105	2679	2535	105.68	104.09
November	2706	2127	2326	2459	2240	2760	2540	2462	2382	103.36	95.66
December	1873	1947	1970	2053	1797	2277	2020	1991	2006	99.25	77.36
Daily average for year	2901	2375	2260	2314	2423	3005	2724	2574	2479	103.83	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2

Route U. S. 12 East of East Helena

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1971	2651	463	17.5	414	15.6	399	15.1	385	14.5	375	14.1	369	13.9
1972	2900	513	17.7	452	15.6	425	14.7	412	14.2	402	13.9	395	13.6
1973	3046	519	17.0	474	15.6	443	14.5	422	13.9	410	13.5	405	13.3
1974	2997	507	16.9	445	14.8	425	14.2	414	13.8	406	13.5	398	13.3
1975	2974	531	17.9	473	15.9	455	15.3	444	14.9	433	14.6	422	14.2
1976	3357	519	15.5	475	14.2	448	13.3	440	13.1	426	12.7	417	12.4
1977	3614	610	16.9	515	14.3	490	13.6	473	13.1	464	11.8	457	12.6
1978			NEW ALIGNMENT										
1979	2733	442	16.2	411	15.0	379	13.9	365	13.4	358	13.1	350	12.8
1980	2574	432	16.8	375	14.6	355	13.8	345	13.4	336	13.1	331	12.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-4 YEAR 1980

LOCATION U.S. 10 & 18 - 1.5 miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 38.9 % Foreign Pass Cars 7.3 % Pickups 33.7 % Commercial 20.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	711	1004	1021	1040	1056	1032	870	973	1030	94.47	77.92
February	808	1047	1119	1085	1050	1236	1099	1069	1113	96.05	85.61
March	864	1054	1158	1057	1105	1248	1094	1075	1121	95.90	86.09
April	998	1217	1329	1230	1194	1418	1179	1227	1278	96.01	98.26
May	1480	1366	1374	1327	1301	1581	1450	1414	1394	101.43	113.23
June	1188	1470	1566	1492	1500	1636	1297	1442	1530	94.25	115.48
July	1238	1535	1523	1467	1504	1544	1264	1445	1513	95.51	115.71
August	1253	1421	1493	1478	1481	1637	1401	1450	1508	96.15	116.11
September	1033	1246	1313	1254	1350	1507	1246	1278	1329	96.16	102.34
October	985	1219	1360	1233	1201	1440	1199	1239	1291	95.97	99.22
November	952	1253	1386	1331	1218	1397	1204	1237	1317	93.93	99.06
December	839	1219	1250	1176	1063	1273	1072	1136	1198	94.82	90.97
Daily average for year	1029	1254	1324	1264	1252	1412	1198	1249	1302	95.93	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-4

Route U.S. 10 & 12 West of Miles City

Traffic Type Primary - Approach

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1520	232	15.3	207	13.6	191	12.6	187	12.3				
1961	1771	328	18.5	215	12.1	201	11.3	193	10.9	190	10.7	187	10.6
1971	1120	188	16.8	148	13.2	131	11.7	127	11.3	122	10.9	119	10.6
1972	1226	203	16.6	158	12.9	141	11.5	136	11.1	132	10.8	130	10.6
1973	1175	194	16.5	144	12.3	134	11.4	127	10.8	122	10.4	121	10.3
1974	1127	192	17.0	135	12.0	130	11.5	123	10.9	120	10.6	117	10.4
1975	1094	201	18.4	125	11.4	120	11.0	116	10.6	112	10.2	110	10.1
1976	1060	192	18.1	133	12.6	115	10.9	110	10.4	107	10.1	105	9.9
1977	1077	196	18.2	136	12.6	130	12.1	127	11.8	124	11.5	122	11.3
1978	1170	218	18.6	157	13.4	148	12.6	142	12.1	138	11.8	133	11.4
1979	1293	251	19.4	163	12.6	148	11.4	144	11.1	141	10.9	139	10.8
1980	1249	226	18.1	160	12.8	146	11.7	140	11.2	137	11.0	133	10.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5 YEAR 1980

LOCATION Mont. 7 - 1.0 miles South of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 32.0 % Foreign Pass Cars 6.5 % Pickups 35.5 % Commercial 26.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	352	431	458	497	458	474	459	449	465	96.56	65.53
February	458	488	507	491	493	505	443	484	497	97.38	70.64
March	512	541	526	525	570	577	514	537	548	97.99	78.38
April	720	711	658	693	679	760	775	711	698	101.86	103.77
May	843	716	713	760	747	775	782	763	744	102.55	111.36
June	1058	768	751	805	808	866	982	866	798	108.52	126.39
July	892	801	774	796	816	1151	747	848	858	98.83	123.76
August	1108	822	811	785	898	1027	1032	939	876	107.19	137.05
September	766	681	712	734	674	738	879	738	707	104.38	107.71
October	680	710	711	729	666	731	726	708	709	99.86	103.33
November	589	624	665	669	591	670	738	650	644	100.93	94.87
December	499	543	519	523	505	558	558	529	529	100.00	77.21
Daily average for year	706	653	650	667	659	736	720	685	673	101.78	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5

Route Montana 7 - South of Wibaux

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1971	577	258	44.7	173	30.0	145	25.1	112	19.4	99	17.2	88	15.3
1972	581	254	43.7	164	28.2	135	23.2	114	19.6	94	16.2	82	14.1
1973	577	195	33.8	157	27.2	118	20.5	101	17.5	95	16.5	87	15.1
1974	573	256	44.7	160	17.9	135	23.6	103	18.0	96	16.8	89	15.5
1975	565	273	48.3	154	27.3	125	22.1	110	19.5	99	17.5	91	16.1
1976	655	262	40.0	173	26.4	142	21.7	113	17.3	104	15.9	96	14.7
1977	655	191	29.2	136	20.8	120	18.3	109	16.6	102	15.6	94	14.4
1978	691	247	35.7	151	21.9	134	19.4	121	17.5	112	16.2	103	14.9
1979	651	256	39.3	169	26.0	145	22.3	132	20.3	120	18.4	112	17.2
1980	685	230	33.6	169	24.7	148	21.6	137	20.0	120	17.5	112	16.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6 YEAR 1980

LOCATION FAS 288 - 0.5 miles South of Manhattan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	348	461	424	441	492	517	455	449	465	96.56	87.50
February	431	508	532	469	509	492	510	493	502	98.21	96.07
March	468	531	555	474	582	617	451	522	552	94.57	101.72
April	443	587	603	591	623	629	616	586	606	96.70	114.19
Moy	447	525	541	577	560	602	517	540	563	95.91	105.23
June	433	542	573	535	534	525	525	521	542	96.13	101.53
July	428	520	542	546	555	556	559	531	544	97.61	103.47
August	419	532	562	535	524	527	502	511	535	95.51	99.58
September	374	506	521	511	544	593	556	515	533	96.62	100.36
October	409	560	548	548	574	576	603	547	562	97.33	106.59
November	344	531	498	498	497	539	441	473	513	92.20	92.17
December	368	469	469	483	494	515	486	470	484	97.11	91.59
Daily average for year	409	523	531	517	541	557	518	513	533	118.48	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6

Route FAS 288 - South of Manhattan

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1971	389	97	14.9	67	17.2	56	14.4	52	13.4	50	12.9	49	12.6
1972	380	72	24.2	58	15.3	53	13.9	51	13.4	48	12.6	48	12.6
1973	412	111	26.9	69	16.7	58	14.1	56	13.6	54	13.1	52	12.6
1974	386	90	23.3	64	16.6	56	14.5	53	13.7	51	13.2	50	13.0
1975	413	131	31.7	64	15.5	57	13.8	55	13.3	53	12.8	52	12.6
1976	444	88	19.8	62	14.0	58	13.1	57	12.8	55	12.4	54	12.2
1977	467	99	21.2	69	14.8	63	13.5	60	12.8	58	12.4	57	12.2
1978	492	110	22.4	74	15.0	65	13.2	63	12.8	61	12.4	60	12.2
1979	539	94	17.4	70	13.0	67	12.4	65	12.1	63	11.7	62	11.5
1980	513	92	17.9	70	13.6	63	12.3	61	11.9	60	11.7	59	11.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-7 YEAR 1980

LOCATION I-15 - 2.0 miles North of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.2 % Foreign Pass Cars 16.7 % Pickups 27.8% Commercial 16.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1296	1207	1257	1413	1408	1610	1229	1347	1377	97.82	65.77
February	1719	1456	1418	1393	1416	1980	1647	1589	1554	102.25	77.58
March	2069	1492	1511	1592	1756	2272	2012	1819	1713	106.19	88.81
April	2411	1895	1640	1802	2042	2551	2163	2049	1962	104.43	100.04
May	2629	1766	1660	1703	1862	2567	2344	2093	1939	107.94	102.19
June	2877	2149	1987	2132	2212	2889	2799	2440	2268	107.58	119.13
July	3259	2489	2317	2340	2631	2883	2714	2639	2518	104.81	128.85
August	3168	2430	2347	2395	2419	3074	2830	2693	2547	105.73	131.48
September	2488	1991	1940	2051	2037	2656	2343	2217	2145	103.36	108.24
October	2366	1983	1840	1799	1902	2645	2383	2122	2034	104.33	103.61
November	2170	1690	1900	2012	1752	2174	1923	1952	1906	102.41	95.30
December	1667	1469	1566	1632	1383	1855	1803	1618	1578	102.53	79.00
Daily average for year	2343	1835	1782	1855	1902	2430	2183	2048	1962	104.38	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7

Route I-15 North of Wolf Creek

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1971	1647	338	20.5	259	15.7	250	15.2	246	14.9	238	14.5	232	14.1
1972	1792	358	20.0	307	17.1	281	15.7	268	15.0	257	14.3	247	13.8
1973	1795	347	19.3	303	16.9	288	16.0	276	15.4	262	14.6	255	14.2
1974	1796	373	20.8	295	16.4	282	15.7	258	14.4	249	13.9	245	13.6
1975		COUNTER	OUT	DUE	TO	MECHANICAL	FAILURE						
1976	2035	366	18.0	313	15.4	300	14.7	288	14.2	277	13.6	270	13.3
1977	2167	421	19.4	353	16.3	333	15.4	319	14.7	311	14.4	303	14.0
1978	2266	396	17.5	348	15.4	325	14.3	312	13.8	307	13.5	301	13.3
1979	2112	456	21.6	370	17.5	309	14.6	297	14.1	292	13.8	284	13.4
1980	2048	406	19.8	318	15.5	290	14.2	273	13.3	268	13.1	266	13.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8 YEAR 1980

LOCATION U.S. 93 - 0.5 miles South of Ravalli

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cors 49.4 % Foreign Pass Cors 5.7 % Pickups 30.0 % Commercial 14.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1737	2293	2338	2493	2596	2875	2095	2359	2513	93.87	60.97
February	2616	2809	2714	2687	3039	3468	2992	2923	2968	98.48	75.55
March	2908	2921	2801	2955	3215	3545	3289	3086	3079	100.23	79.77
April	3458	3412	3125	3223	3535	4073	3726	3485	3446	101.13	90.08
May	4269	2683	2725	3508	3757	4407	4040	3622	3409	106.25	93.62
June	4964	4780	4444	4568	4645	5576	4740	4839	4828	100.23	125.08
July	6318	5587	5196	5382	6037	6586	5673	5807	5741	101.15	150.09
August	5631	5437	5196	5220	5359	6362	5727	5595	5555	100.72	144.62
September	4082	4360	4111	4326	4340	5120	4230	4358	4432	98.33	112.64
October	3837	3710	3645	3638	3877	4598	4205	3940	3912	100.72	101.84
November	3261	3194	3418	3686	3405	3997	3577	3500	3540	98.87	90.47
December	2335	2948	2947	2955	2905	3423	2842	2912	3024	96.30	75.27
Daily average for year	3785	3678	3555	3720	3893	4503	3928	3869	3871	99.95	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8

Route U. S. 93 South of Ravalli

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1971	2922	551	18.9	462	15.8	425	14.5	414	14.2	407	13.9	396	13.6
1972	3258	521	16.0	473	14.5	456	14.0	447	13.7	435	13.4	428	13.1
1973	3481	508	14.6	464	13.3	445	12.8	440	12.6	430	12.4	425	12.2
1974	3384	508	15.0	471	13.9	459	13.6	446	13.2	437	13.0	431	12.7
1975	3401	571	16.8	505	14.8	480	14.1	471	13.8	464	13.6	458	13.5
1976	3673	602	16.4	545	14.8	517	14.1	506	13.8	496	13.5	489	13.3
1977	3879	746	19.2	582	15.0	553	14.3	534	13.8	526	13.6	517	13.3
1978	4026	655	16.3	578	14.4	565	14.0	552	13.7	540	13.4	532	13.2
1979	3952	630	15.9	561	14.2	530	13.4	516	13.1	504	12.8	496	12.6
1980	3869	678	17.5	574	14.8	548	14.2	514	13.3	508	13.1	499	12.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9 YEAR 1980

LOCATION I-15 - 7.0 miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 45.6 % Foreign Pass Cars 9.5 % Pickups 30.4 % Commercial 14.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2933	3973	3744	4151	4145	4415	3492	3853	4076	94.53	75.93
February	3729	4014	4109	3991	4017	4850	4178	4152	4228	98.20	81.82
March	3949	4200	4168	4337	4610	5339	4624	4441	4515	98.36	87.52
April	4731	4989	4423	4454	5008	5912	4901	4885	4910	99.49	96.27
May	4863	4380	4634	4774	5077	6087	5321	5066	5044	100.44	99.84
June	5850	5758	5315	5394	5568	6565	6031	5784	5722	101.08	113.98
July	6273	6357	6108	6050	6657	6659	5906	6286	6354	98.93	123.88
August	5966	6428	6125	5977	6285	7510	6573	6435	6515	98.77	126.81
September	4909	5519	5176	5189	5460	6158	5525	5415	5487	98.69	106.71
October	4839	5080	4797	4768	5145	6126	5630	5181	5162	100.37	102.10
November	4505	4724	4760	5033	4853	5928	4951	4949	5059	97.83	97.53
December	3822	4627	4595	4563	3828	4862	4718	4446	4508	98.62	87.61
Daily average for year	4697	5004	4830	4890	5054	5868	5154	5074	5132	97.87	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9

Route I-15 West of Great Falls

Traffic Type Interstate - Primary

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9	504	10.5	496	10.4
1972	4851	644	13.3	572	11.8	542	11.2	518	10.7	509	10.5	502	10.4
1973	4858	804	16.6	570	11.7	549	11.3	525	10.8	508	10.5	496	10.2
1974	4910	646	13.2	545	11.1	519	10.6	508	10.3	492	10.0	484	9.9
1975	5115	654	12.8	595	11.6	557	10.9	535	10.5	516	10.1	507	9.9
1976	5267	755	14.3	578	11.0	554	10.5	540	10.3	533	10.1	518	9.8
1977	5613	720	12.8	664	11.8	643	11.5	627	11.1	613	10.9	609	10.8
1978			COUNTER TEMPORARILY REMOVED										
1979		Counter	back	in operation		May 25, 1979							
1980	5074	707	13.9	613	12.1	589	11.6	575	11.3	558	11.0	551	10.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10 YEAR 1980

LOCATION U.S. 2 - 2.0 miles East of Wolf Point

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.5 % Foreign Pass Cars 6.7 % Pickups 35.0% Commercial 13.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	845	1509	1502	1759	1587	1703	1306	1474	1613	91.38	69.74
February	1207	1786	1721	1846	1801	1996	1544	1710	1838	93.04	80.90
March	1451	1945	2042	2087	2157	2371	1884	1969	2112	93.23	93.16
April	1416	2166	2189	2222	2282	2377	1877	2084	2243	92.91	98.60
May	1510	1930	2022	2305	2233	2524	1996	2091	2219	94.23	98.93
June	1943	2379	2283	2351	2394	2749	2247	2323	2428	95.68	109.90
July	1948	2425	2451	2444	2554	2509	2158	2368	2477	95.60	112.03
August	1913	2437	2413	2403	2592	2755	2196	2377	2531	93.92	112.46
September	1489	2136	2300	2346	2303	2474	1991	2153	2303	93.49	101.86
October	1614	2268	2361	2321	2399	2610	2001	2246	2399	93.62	106.26
November	1692	2370	2327	2601	2300	2614	2251	2285	2442	93.57	108.10
December	1571	2381	2485	2461	2150	2575	2249	2284	2415	94.58	108.06
Daily average for year	1550	2144	2175	2262	2229	2438	1975	2114	2252	93.87	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10

Route U.S. 2 East of Wolf Point

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6	185	11.2	182	11.0
1972	1662	275	16.5	225	13.5	204	12.3	201	12.1	196	11.8	192	11.6
1973	1744	342	19.6	263	15.1	225	12.9	212	12.2	207	11.9	203	11.6
1974	1693	242	14.3	206	12.2	198	11.7	194	11.5	192	11.3	188	11.1
1975	1850	344	18.6	254	13.7	232	12.5	223	12.1	217	11.7	213	11.5
1976	1972	279	14.1	246	12.5	233	11.8	230	11.7	226	11.5	223	11.3
1977	2063	273	13.2	254	12.3	245	11.9	235	11.4	232	11.2	227	11.0
1978	2241	321	14.3	280	12.5	273	12.2	267	11.9	261	11.6	258	11.5
1979	1996	272	13.6	235	11.8	228	11.4	222	11.1	220	11.0	216	10.8
1980	2114	256	12.1	236	11.2	229	10.8	223	10.5	221	10.4	216	10.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11 YEAR 1980

LOCATION I-90 - 6.0 miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 49.0 % Foreign Pass Cars 10.1 % Pickups 26.3 % Commercial 14.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	6532	8203	8027	8788	8412	8714	7769	8097	8426	96.10	78.11
February	8386	8722	8531	8190	8156	9819	9369	8776	8738	100.43	84.65
March	8720	8271	8138	8656	9230	10772	9835	9075	8978	101.08	87.54
April	9802	9446	9161	9221	9844	11359	10013	9792	9750	100.43	94.45
May	9847	9592	9473	9652	9979	11633	10675	10183	10133	100.49	98.23
June	11862	11430	11096	11102	11293	13054	12436	11746	11587	101.37	113.31
July	13289	12194	11975	12413	13000	13812	12568	12722	12651	100.56	122.72
August	13042	12556	12199	12614	12585	14357	13505	13043	12933	100.85	125.82
September	11052	11023	10562	10857	10963	12530	12205	11278	11151	101.14	108.78
October	9994	9987	9834	9733	10078	11694	10924	10338	10296	100.41	99.72
November	9201	9525	9561	10118	9273	11292	10240	9876	9954	99.22	95.27
December	8583	9586	9669	9657	8446	10178	10085	9475	9524	99.49	91.40
Daily average for year	10026	10045	9852	10083	10105	11601	10802	10367	10343	100.23	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11

Route I-90 West of Billings

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.2	370	12.7				
1961			UNDER	CONSTRUCTION									
1971	7638	927	12.1	835	10.9	799	10.5	781	10.2	771	10.1	762	10.0
1972	8299	949	11.4	911	11.0	872	10.5	860	10.4	843	10.2	833	10.0
1973	8732	1131	13.0	1018	11.7	982	11.2	942	10.8	923	10.6	906	10.4
1974	8611	1091	12.7	948	11.0	913	10.6	897	10.4	884	10.3	871	10.1
1975	9161	1151	12.6	1073	11.7	1031	11.3	999	10.9	979	10.7	971	10.6
1976	10143	1427	14.1	1129	11.1	1093	10.8	1069	10.5	1054	10.4	1047	10.3
1977	10646	1358	12.8	1195	11.2	1150	10.8	1130	10.6	1109	10.4	1098	10.3
1978	11292	1485	13.2	1259	11.1	1220	10.8	1194	10.6	1183	10.5	1166	10.3
1979	11112	1443	13.0	1170	10.5	1126	10.1	1109	10.0	1093	9.8	1079	9.7
1980	10367	1242	12.0	1140	11.0	1088	10.5	1062	10.2	1040	10.0	1018	9.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12 YEAR 1980

LOCATION U.S. 87 & Mont. 200 - 6.0 miles West of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 43.3 % Foreign Pass Cars 4.6 % Pickups 33.9 % Commercial 18.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	861	1244	1239	1270	1264	1274	1006	1174	1258	93.32	71.22
February	1113	1313	1414	1323	1246	1466	1170	1298	1358	95.58	78.75
March	1187	1287	1263	1361	1482	1724	1299	1361	1417	96.05	82.57
April	1459	1592	1447	1461	1575	1806	1464	1537	1565	98.21	93.25
May	1630	1598	1610	1650	1730	2040	1658	1712	1740	98.39	103.86
June	1851	1923	1780	1854	1893	2159	1864	1902	1922	98.96	115.39
July	2297	2044	1969	1994	2145	2245	2083	2108	2080	101.35	127.89
August	2097	2065	2014	1963	2149	2386	2005	2104	2128	98.87	127.65
September	1687	1825	1815	1797	1808	2178	1819	1845	1879	98.19	111.92
October	1653	1736	1741	1432	1707	2074	1884	1746	1738	100.46	105.92
November	1539	1662	1655	1753	1646	1919	1595	1674	1727	96.93	101.56
December	1082	1344	1457	1408	1159	1392	1330	1319	1359	97.06	80.02
Daily average for year	1538	1636	1617	1606	1650	1889	1598	1648	1681	98.04	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12

Route U.S.87 & Montana 200 West of Lewistown

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0	162	10.8	160	10.7
1972	1458	352	24.1	267	18.3	212	14.5	186	12.8	177	12.1	170	11.7
1973	1647	262	15.9	235	14.3	215	13.1	203	12.3	198	12.0	191	11.6
1974	1619	251	15.5	190	11.7	177	10.9	174	10.7	172	10.6	168	10.4
1975	1548	329	21.3	217	14.0	194	12.5	186	12.0	180	11.6	170	11.5
1976	1590	283	17.8	209	13.1	194	12.2	188	11.8	185	11.6	182	11.4
1977	1656	246	14.9	209	12.6	199	12.0	193	11.7	190	11.5	186	11.2
1978	1910	296	15.5	266	13.9	252	13.2	241	12.6	235	12.3	230	12.0
1979	1777	302	17.0	217	12.2	208	11.7	200	11.3	197	11.1	195	11.0
1980	1648	264	16.0	211	12.8	201	12.2	194	11.8	190	11.5	187	11.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13 YEAR 1980

LOCATION U.S. 191 - 7.0 miles North of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.6 % Foreign Pass Cars 1.8 % Pickups 44.4 % Commercial 12.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	691	867	876	929	902	873	727	844	891	94.73	69.83
February	930	929	1045	936	887	1066	912	961	977	98.36	79.51
March	859	880	901	972	1025	1209	998	971	992	97.88	80.34
April	1202	1184	1079	1079	1151	1266	1128	1150	1145	100.44	95.15
May	1337	1100	1198	1222	1170	1370	1307	1247	1217	102.47	103.17
June	1410	1293	1348	1316	1252	1393	1434	1349	1319	102.27	111.61
July	1549	1522	1397	1461	1465	1598	1438	1485	1482	100.20	122.86
August	1280	1436	1332	1378	1414	1552	1397	1400	1429	97.97	115.83
September	1348	1336	1447	1337	1317	1575	1493	1406	1401	100.36	116.33
October	1419	1283	1383	1057	1162	1471	1416	1305	1266	103.08	107.96
November	1265	1342	1346	1402	1309	1496	1313	1349	1379	97.82	111.61
December	905	1044	1105	1113	866	1103	1087	1037	1052	98.57	85.80
Daily average for year	1183	1185	1205	1184	1160	1331	1221	1209	1213	99.67	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13

Route U.S. 191 North of Lewistown

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7	123	11.4	121	11.2
1972	1044	173	16.6	142	13.6	135	12.9	132	12.6	125	12.0	122	11.7
1973	1084	161	14.9	148	13.7	140	13.0	134	12.4	131	12.1	129	12.0
1974	1183	171	14.5	145	12.3	138	11.7	135	11.4	131	11.1	129	10.9
1975	1078	146	13.5	139	12.9	132	12.2	129	12.0	127	11.8	125	11.6
1976	1197	165	13.8	150	12.5	145	12.1	139	11.6	136	11.4	134	11.2
1977	1197	178	14.9	147	12.3	142	11.9	140	11.7	137	11.4	133	11.1
1978	1382	236	17.1	200	14.5	192	13.9	185	13.4	182	13.2	176	12.7
1979	1249	438	35.1	159	12.7	154	12.3	148	11.8	145	11.6	142	11.4
1980	1209	163	13.5	150	12.4	144	11.9	141	11.7	138	11.4	135	11.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14 YEAR 1980

LOCATION FAS 278 - 4.0 miles Southwest of Dillon

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 37.4 % Foreign Pass Cars 3.8 % Pickups 48.5 % Commercial 10.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	385	420	424	459	468	453	440	437	445	98.20	77.28
February	620	647	552	528	467	497	544	549	536	102.43	97.08
March	443	420	443	464	454	529	466	458	460	99.57	80.99
April	496	434	418	485	485	455	490	465	455	102.20	82.23
May	569	559	570	547	589	622	601	582	580	100.34	102.92
June	778	612	570	595	635	675	702	655	617	106.16	115.83
July	906	686	660	686	722	793	835	749	707	105.94	132.45
August	802	705	671	735	741	778	759	745	728	102.34	131.74
September	701	685	609	628	603	692	733	663	644	102.95	117.24
October	650	592	566	595	624	708	722	635	617	102.92	112.29
November	473	531	512	509	474	511	488	498	507	98.22	88.06
December	380	364	343	329	306	365	367	350	342	102.34	61.89
Daily average for year	600	555	528	547	547	590	596	566	553	102.35	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14

Route FAS 278 Southwest of Dillon

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1971	405	107	26.4	74	18.3	65	16.0	60	14.8	58	14.3	56	13.8
1972	393	95	24.2	66	16.8	60	15.3	58	14.8	57	14.5	55	14.0
1973	427	86	20.1	73	17.1	65	15.2	61	14.3	59	13.8	57	13.3
1974	443	83	18.7	68	15.3	63	14.2	59	13.3	56	12.6	55	12.4
1975	418	111	26.6	70	16.7	65	15.6	60	14.4	57	13.6	56	13.4
1976	550	111	20.2	83	15.1	74	13.5	69	12.5	66	12.0	63	11.5
1977	590	129	21.9	90	15.3	83	14.1	81	13.7	76	12.9	75	12.7
1978	541	144	26.6	95	17.6	84	15.5	78	14.4	74	13.7	72	13.3
1979	581	135	23.2	93	16.0	84	14.5	78	13.4	75	12.9	73	12.6
1980	566	137	24.2	98	17.3	89	15.7	81	14.3	79	13.9	75	13.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15 YEAR 1980

LOCATION Mont. 200 - 4.0 miles Northeast of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 50.6 % Foreign Pass Cars 2.6 % Pickups 33.0 % Commercial 13.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1175	1552	1518	1769	1778	1967	1302	1591	1713	92.88	66.15
February	1681	1731	1773	1714	1766	2021	1562	1759	1811	97.13	73.13
March	1698	1643	1567	1619	1695	1980	1678	1695	1698	99.82	70.47
April	2478	1886	1563	1616	1802	2208	2275	1949	1794	108.64	81.03
May	3070	1846	1832	1898	2022	2526	2627	2273	2047	111.04	94.50
June	3764	2680	2606	2614	2629	3287	3425	3015	2759	109.28	125.35
July	4523	3182	3127	3070	3437	3955	3772	3545	3335	106.30	147.38
August	3868	3090	3002	2982	3198	3748	3667	3403	3230	105.36	141.48
September	3335	2808	2500	2627	2612	3115	3030	2847	2725	104.48	118.37
October	3150	2649	2438	2332	2433	2954	2965	2691	2563	104.99	111.88
November	2594	2179	2305	2443	2103	2588	2419	2384	2323	102.63	99.12
December	1603	1759	1764	1692	1551	1895	1694	1711	1733	98.73	71.14
Daily average for year	2745	2250	2166	2198	2252	2687	2535	2405	2311	104.07	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15

Route Montana 200 Northeast of Bonner

Traffic Type Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1971	1811	399	22.0	340	18.8	321	17.7	302	16.7	292	16.1	280	15.5
1972	1782	444	24.9	346	19.4	322	18.1	315	17.7	303	17.0	293	16.4
1973	1966	383	19.5	350	17.8	330	16.8	316	16.1	308	15.7	299	15.2
1974	2017	421	20.9	354	17.6	330	16.4	318	15.8	311	15.4	303	15.0
1975	1961	495	25.2	395	20.1	363	18.5	332	16.9	312	15.9	302	15.4
1976	2238	425	19.0	368	16.4	345	15.4	326	14.6	320	14.3	312	13.9
1977	2257	527	23.3	389	17.2	377	16.7	363	16.1	356	15.8	348	15.4
1978	2420	486	20.1	411	17.0	382	15.8	364	15.0	352	14.5	342	14.1
1979	2563	990	38.6	407	15.9	392	15.3	370	14.4	360	14.0	348	13.6
1980	2405	516	21.5	416	17.3	386	16.0	363	15.1	349	14.5	340	14.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16 YEAR 1980

LOCATION I-90 - 3.0 miles West of Butte

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 55.9 % Foreign Pass Cars 6.9 % Pickups 23.3 % Commercial 13.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	4486	5934	6183	6982	7072	7243	5968	6307	6653	94.80	75.96
February	6696	6646	6803	6427	6550	7859	7489	6956	6905	100.74	83.78
March	6134	5952	5762	5901	6354	6999	6941	6297	6182	101.86	75.83
April	7904	7690	7518	7599	8002	9070	8381	7992	7938	100.68	96.26
May	7890	7087	7343	8092	8527	9585	8672	8280	8261	100.23	99.72
June	10149	9412	9420	9404	9858	10889	10503	9937	9778	101.63	119.67
July	10978	10401	10559	10664	11400	11753	10570	10901	10945	99.60	131.29
August	10592	10624	10674	10528	10842	11996	11145	10955	10996	99.63	131.93
September	9127	9007	8950	9242	9478	10333	9875	9400	9363	100.40	113.20
October	7945	7655	7754	7481	8232	9163	8612	8143	8096	100.58	98.08
November	7303	6871	7319	7782	7202	8204	7824	7505	7475	100.40	90.38
December	6264	6828	7085	7064	6411	7540	7560	6967	6986	99.73	83.90
Daily average for year	7956	7842	7948	8097	8327	9220	8628	8303	8298	100.06	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16

Route I-90 & I-15 West of Butte

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1971	7123	884	12.4	845	11.9	828	11.6	817	11.5	802	11.3	790	11.1
1972	7690	1046	13.6	934	12.1	915	11.9	889	11.6	873	11.4	863	11.2
1973	8076	1120	13.9	1032	12.8	996	12.3	962	11.9	943	11.7	928	11.5
1974	8702	1127	13.0	1057	12.1	1025	11.8	1003	11.5	987	11.3	969	11.1
1975	7913	1099	13.9	1003	12.7	977	12.3	949	12.0	937	11.8	921	11.6
1976	8481	1205	14.2	1137	13.4	1100	13.0	1078	12.7	1057	12.5	1041	12.3
1977	8912	1210	13.6	1145	12.8	1103	12.4	1080	12.1	1068	12.0	1049	11.8
1978	9329	1210	13.0	1146	12.3	1103	11.8	1080	11.6	1064	11.4	1052	11.3
1979	8950	1084	12.1	1034	11.6	989	11.1	962	10.7	946	10.6	939	10.5
1980	8303	1035	12.5	944	11.4	909	10.9	896	10.8	879	10.6	872	10.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17 YEAR 1980

LOCATION I-15 - 0.5 miles North of Lima

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 28.4 % Foreign Pass Cars 20.9 % Pickups 28.0 % Commercial 22.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	809	730	711	735	732	806	860	765	741	103.24	66.18
February	834	834	836	711	732	867	911	819	799	102.50	70.86
March	1100	965	730	808	871	1047	1114	959	888	107.99	82.97
April	1141	1112	946	954	1125	1251	1134	1085	1066	101.78	93.87
May	1144	1096	959	886	917	1187	1114	1046	1013	103.26	90.50
June	1480	1357	1161	1244	1249	1445	1547	1359	1294	105.02	117.57
July	1723	1581	1361	1327	1547	1583	1513	1509	1471	102.58	130.56
August	1673	1608	1350	1472	1559	1748	1779	1612	1557	103.53	139.47
September	1413	1537	1366	1360	1417	1556	1451	1443	1448	99.65	124.85
October	1339	1377	1241	1282	1356	1518	1392	1360	1359	100.07	117.66
November	1129	1082	1045	1053	975	1048	1120	1068	1041	102.59	92.40
December	801	883	872	871	781	885	796	845	861	98.14	73.11
Daily average for year	1216	1180	1048	1059	1105	1245	1228	1156	1128	102.48	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17

Route I-15 North of Lima

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1971	785	153	19.5	113	14.4	109	13.9	106	13.5	102	13.0	101	12.9
1972	977	187	19.1	138	14.1	131	13.4	125	12.8	122	12.5	119	12.2
1973	976	228	23.4	177	18.1	164	16.8	153	15.7	147	15.1	143	14.7
1974	919	149	16.2	135	14.7	127	13.8	125	13.6	122	13.3	119	12.9
1975	969	166	17.1	140	14.4	134	13.8	128	13.2	125	12.9	123	12.7
1976	1198	206	17.2	177	14.8	167	13.9	161	13.4	158	13.2	154	12.9
1977	1344	210	15.6	181	13.5	174	12.9	168	12.5	164	12.2	161	12.0
1978	1357	231	17.0	197	14.5	183	13.5	178	13.1	174	12.8	169	12.5
1979	1246	203	16.3	163	13.1	149	12.0	142	11.4	138	11.1	136	10.9
1980	1156	196	17.0	162	14.0	153	13.2	145	12.5	141	12.2	140	12.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18 YEAR 1980

LOCATION U.S. 20 & 191 - 5.0 miles West of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 28.7 % Foreign Pass Cars 23.7 % Pickups 23.3 % Commercial 24.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	535	469	555	574	579	644	629	569	565	100.71	38.75
February	690	648	573	604	639	753	838	680	649	104.78	46.31
March	715	610	598	642	646	750	841	689	647	106.49	46.92
April	967	794	768	794	770	873	953	841	798	105.39	57.28
May	1297	1182	1163	1220	1196	1350	1485	1277	1227	104.08	86.98
June	2505	2230	2052	2183	2194	2501	2748	2346	2232	105.11	159.77
July	3445	3061	3050	3183	3479	3693	3868	3381	3286	102.89	230.26
August	3534	3138	3088	3073	3042	3425	3849	3336	3166	105.37	227.19
September	1842	1953	1679	1790	1803	1906	1990	1849	1825	101.32	125.93
October	1325	1148	1157	1122	1145	1249	1444	1222	1165	104.89	83.22
November	659	696	771	841	700	774	818	750	756	99.21	51.08
December	696	656	718	701	546	699	734	680	668	101.80	46.31
Daily average for year	1518	1382	1348	1394	1395	1551	1683	1468	1415	103.75	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18

Route U.S. 20 & 191 West of West Yellowstone

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1262	384	30.4	328	26.0	312	24.7	286	22.7	268	21.2	262	20.8
1972	1281	359	28.0	306	23.9	282	22.0	276	21.5	268	20.9	264	20.6
1973	1233	281	22.8	258	20.9	248	20.1	241	19.5	236	19.1	231	18.7
1974	1206	287	23.8	264	21.9	259	21.5	252	20.9	242	20.1	239	19.8
1975	1249	350	28.0	317	25.4	289	23.1	280	22.4	270	21.6	264	21.1
1976	1202	328	27.3	285	23.7	269	22.4	264	22.0	258	21.5	254	21.1
1977	1472	774	52.6	412	28.0	378	25.7	354	24.0	338	23.0	323	21.9
1978	1650	461	27.9	402	24.4	378	22.9	363	22.0	356	21.6	346	21.0
1979	1473	493	33.5	331	22.5	311	21.1	301	20.4	294	20.0	288	19.6
1980	1468	423	28.8	335	22.8	319	21.7	311	21.2	305	20.8	298	20.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19 YEAR 1980

LOCATION U.S. 191 - 7.7 miles North of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 27.3 % Foreign Pass Cars 26.6 % Pickups 25.8 % Commercial 20.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	525	555	624	640	643	693	664	622	632	98.42	44.34
February	820	739	715	729	727	841	841	775	754	102.79	55.25
March	770	699	697	749	733	825	882	767	739	103.79	54.67
April	888	771	814	831	829	891	928	849	827	102.66	60.52
May	1216	1104	1127	1212	1153	1295	1334	1211	1182	102.45	86.32
June	2209	2000	1814	1937	2026	2195	2249	2064	1995	103.46	147.13
July	3087	2797	2804	2834	3003	3058	3020	2937	2897	101.38	209.37
August	3125	2796	2779	2856	2827	3054	3048	2936	2865	102.48	209.29
September	1751	1712	1686	1862	1898	1978	1918	1833	1833	100.00	130.66
October	1325	1175	1159	1189	1175	1304	1424	1248	1203	103.74	88.96
November	780	765	842	922	763	818	864	822	822	100.00	58.60
December	801	716	802	803	644	782	839	770	753	102.26	54.89
Daily average for year	1441	1319	1322	1380	1368	1478	1501	1403	1375	102.04	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19

Route U.S. 191 North of West Yellowstone

Traffic Type Primary-Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1971	1142	301	26.4	258	22.6	244	21.4	227	19.9	223	19.5	219	19.2
1972	1201	288	24.0	243	20.2	230	19.2	227	18.9	223	18.6	221	18.4
1973	1142	248	21.7	222	19.4	214	18.7	208	18.2	205	18.0	203	17.8
1974	1249	275	22.0	257	20.6	248	19.9	243	19.5	239	19.1	236	18.9
1975	1285	423	32.9	275	21.4	268	20.9	260	20.2	256	19.9	251	19.5
1976	1383	335	24.2	283	20.5	270	19.5	264	19.1	256	18.5	250	18.1
1977	1483	394	26.6	318	21.4	304	20.5	295	19.9	288	19.4	280	18.9
1978	1570	426	27.1	346	22.0	323	20.6	314	20.0	308	19.6	303	19.3
1979	1454	606	41.7	302	20.8	268	18.4	255	17.5	250	17.2	246	16.9
1980	1403	360	25.7	286	20.4	273	19.5	258	18.4	251	17.9	247	17.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20 YEAR 1980

LOCATION U.S. 89 - 17.0 miles North of Gardiner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.4 % Foreign Pass Cars 16.4 % Pickups 34.7 % Commercial 9.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	331	292	327	308	355	402	389	342	336	101.79	42.11
February	534	374	336	302	355	431	536	410	363	112.95	50.48
March	482	351	343	352	396	477	626	438	382	114.66	53.93
April	740	496	471	471	523	612	745	572	511	111.94	70.43
May	791	608	603	634	670	809	812	717	682	105.13	88.29
June	1294	1177	1092	1124	1192	1275	1256	1204	1172	102.73	148.24
July	1803	1595	1571	1553	1654	1683	1756	1653	1609	102.73	203.53
August	1728	1557	1604	1570	1567	1659	1648	1625	1595	101.88	200.08
September	1090	1082	960	1019	1029	1117	1118	1057	1040	101.63	130.15
October	834	699	612	608	630	798	895	721	671	107.45	88.77
November	550	522	494	463	469	626	669	546	515	106.02	67.23
December	449	427	431	418	409	540	578	461	442	104.30	56.76
Daily average for year	886	765	737	735	771	869	919	812	777	104.50	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20

Route U.S. 87 North of Gardiner

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961				UNDER	CONSTRUCTION								
1971	655	167	25.5	144	22.0	134	20.5	131	20.0	130	19.8	128	19.5
1972	694	211	30.4	157	22.6	151	21.8	148	21.3	143	20.6	140	20.2
1973	715	268	37.5	145	20.3	136	19.0	134	18.7	132	18.5	130	18.2
1974	660	202	30.6	143	21.7	133	20.2	127	19.2	124	18.8	121	18.3
1975	731	196	26.8	157	21.5	152	20.8	150	20.5	147	20.1	145	19.8
1976	816	194	23.8	170	20.8	163	20.0	163	20.0	160	19.6	158	19.4
1977	911	316	34.7	192	21.1	183	20.1	179	19.6	176	19.3	173	19.0
1978	1002	208	20.8	192	19.2	186	18.6	184	18.4	182	18.2	181	18.1
1979	865	194	22.4	159	18.4	156	18.0	151	17.5	147	17.0	144	16.6
1980	812	194	23.9	159	19.6	153	18.8	151	18.6	148	18.2	145	17.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21 YEAR 1980

LOCATION Montana Avenue in Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	10391	17114	15294	17392	17638	18417	14251	15881	17119	92.77	89.24
February	10777	16102	16704	16737	17284	19142	16797	16321	17287	94.41	91.71
March	11957	16991	16697	17184	18433	20500	17432	16876	17915	94.20	94.83
April	12613	18171	18065	18347	18985	20987	17963	17898	18847	94.96	100.58
May	12819	14581	17948	18964	19833	21737	17924	17894	18810	95.13	100.55
June	13438	20068	19641	20014	21056	23029	19502	19350	20729	93.35	108.73
July	14999	20566	20900	21133	22130	19861	16567	19638	20979	93.61	110.35
August	13221	20163	19923	20453	20625	22083	16800	18877	20718	91.11	106.07
September	12092	16486	17886	18119	19098	20743	17272	17339	18305	94.72	97.43
October	12140	17968	18314	18656	19595	21377	17576	18133	19272	94.09	101.90
November	11910	18564	18301	19468	16442	20549	16924	17249	18665	92.41	96.93
December	12524	19460	19414	19652	16353	20404	17804	18096	19116	94.66	101.68
Daily average for year	12407	18020	18257	18483	18956	20736	17234	17796	18980	93.76	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21

Route U.S. 91 & 12 ByPass, Montana
Avenue - Helena
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1971	13549	1656	12.2	1538	11.4	1507	11.1	1455	10.7	1419	10.5	1387	10.2
1972	16583	1881	11.3	1808	10.9	1754	10.6	1738	10.5	1728	10.4	1713	10.3
1973	17915	1076	11.6	1895	10.6	1875	10.5	1853	10.3	1834	10.2	1822	10.2
1974	17551	2170	12.4	1870	10.7	1841	10.5	1810	10.3	1782	10.2	1771	10.1
1975	17928	2002	11.2	1863	10.4	1841	10.3	1825	10.2	1805	10.1	1782	9.9
1976	19766	3467	17.5	1789	14.1	2634	13.3	2531	12.8	2487	12.6	2400	12.1
1977	19697	2269	11.5	2184	11.1	2132	10.8	2100	10.7	2069	10.5	2047	10.4
1978	19143	2570	13.4	2211	11.6	2087	10.9	2062	10.8	2014	10.5	2001	10.4
1979	18158	4616	25.4	2032	11.2	1993	11.0	1980	10.9	1959	10.8	1938	10.7
1980	17796	2329	13.1	2057	11.6	1979	11.1	1929	10.8	1902	10.7	1876	10.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23 YEAR 1980

LOCATION FAS 241 - 2.5 miles North of Harlem

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 23.6 % Foreign Pass Cars 8.5 % Pickups 46.6 % Commercial 21.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	178	295	290	322	304	299	203	276	302	91.39	83.07
February	221	291	300	269	256	301	260	272	284	95.77	81.87
March	234	276	317	301	319	380	332	306	316	96.84	92.10
April	306	368	317	331	347	398	323	340	350	97.14	102.33
May	346	333	350	391	372	418	376	371	375	98.93	111.66
June	306	378	339	353	369	371	339	350	363	96.42	105.34
July	309	392	378	369	426	387	341	374	390	95.90	112.56
August	345	439	404	392	409	429	423	405	415	97.59	121.90
September	294	319	354	328	362	378	351	341	347	98.27	102.63
October	288	323	334	297	346	413	331	335	344	97.38	100.83
November	260	331	355	352	318	352	327	325	342	95.03	97.82
December	247	296	316	296	258	332	293	292	300	97.33	87.89
Daily average for year	278	337	338	333	341	372	325	332	344	96.51	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23

Route FAS 241 North of Harlem

Traffic Type Secondary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1971	313	55	17.6	49	15.7	45	14.4	43	13.7	42	13.4	41	13.1
1972	288	54	18.8	43	14.9	40	13.9	39	13.5	37	12.8	37	12.8
1973	315	69	21.9	48	15.2	44	14.0	41	13.0	39	12.4	38	12.1
1974	320	51	15.9	46	14.4	44	13.8	42	13.1	41	12.8	41	12.8
1975	332	58	17.5	49	14.8	48	14.5	46	13.9	45	13.6	44	13.3
1976	370	66	17.8	52	14.1	50	13.5	48	13.0	46	12.4	46	12.4
1977	365	88	24.1	54	14.8	50	13.7	47	12.9	47	12.9	46	12.6
1978	333	61	18.3	49	14.7	47	14.1	46	13.8	45	13.5	44	13.2
1979	351	60	17.1	53	15.1	50	14.2	48	13.7	46	13.1	46	13.1
1980	332	58	17.5	48	14.5	45	13.6	43	13.0	43	12.9	42	12.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24 YEAR 1980

LOCATION U.S. 2 - 1.3 miles West of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 47.1 % Foreign Pass Cars 5.3 % Pickups 36.1 % Commercial 11.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1829	2889	2764	3024	3130	3396	2401	2795	3032	92.18	76.48
February	2261	3109	3145	3048	3032	3370	2908	2995	3152	95.02	81.95
March	2467	2969	2980	3154	3141	3404	3058	3006	3122	96.28	82.25
April	2869	3393	3251	3324	3353	3638	3226	3293	3382	97.37	90.10
May	3400	2972	3036	3070	3619	3995	3805	3434	3356	102.32	93.96
June	3675	4294	4140	4123	4070	4410	3966	4090	4212	97.10	111.92
July	4014	4749	4660	4578	4912	4773	4210	4572	4732	96.62	125.10
August	4122	4614	4507	4551	4581	5001	4461	4554	4679	97.33	124.61
September	3666	3995	4124	4058	4153	4662	4117	4107	4186	98.11	112.38
October	3660	4076	3981	3934	4057	4582	4056	4063	4134	98.28	111.17
November	3204	3839	3896	3996	3714	4210	3650	3763	3931	95.73	102.96
December	2383	3394	3442	3403	3005	3494	2995	3184	3356	94.87	87.12
Daily average for year	3129	3691	3661	3689	3731	4078	3571	3655	3773	96.87	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24

Route U.S. 2 West of Kalispell

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1971	2442	442	18.1	366	15.0	352	14.4	339	13.9	332	13.6	326	13.3
1972	2434	325	13.4	295	12.1	280	11.5	274	11.3	268	11.0	264	10.6
1973		COUNTER	REMOVED	FOR	REPAIRS								
1974	2191	366	16.7	343	15.7	330	15.1	326	14.9	319	14.6	314	14.3
1975	2753	461	16.7	363	13.2	346	12.6	339	12.3	332	12.1	329	12.0
1976	3029	461	15.2	359	11.9	347	11.5	339	11.2	332	11.0	328	10.8
1977	3312	435	13.1	398	12.0	383	11.6	372	11.2	364	11.0	357	10.8
1978	3619	628	17.4	458	12.7	427	11.8	413	11.4	405	11.2	399	11.0
1979	3723	553	14.9	442	11.9	426	11.4	419	11.3	415	11.1	410	11.0
1980	3655	505	13.9	450	12.3	433	11.8	427	11.7	422	11.5	414	11.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25 YEAR 1980

LOCATION I-94 - 6.8 miles East of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 23.9 % Foreign Pass Cars 21.0 % Pickups 26.6 % Commercial 28.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1102	1276	1340	1464	1403	1364	1384	1340	1374	97.53	64.04
February	1409	1420	1482	1505	1425	1625	1576	1496	1498	99.87	71.49
March	1792	1623	1658	1691	1776	1977	1951	1786	1745	102.35	85.35
April	1816	1688	1725	1860	1794	2009	1821	1813	1811	100.11	86.64
May	2146	1957	1893	2074	2038	2293	2130	2083	2061	101.07	99.54
June	2308	2071	2164	2293	2323	2553	2517	2322	2271	102.25	110.96
July	3086	2783	2478	2716	2785	2871	2619	2752	2718	101.25	131.51
August	3282	2904	2800	2921	3004	3156	3256	3064	2966	103.30	146.42
September	2406	2462	2355	2360	2473	2651	2447	2451	2460	99.63	117.13
October	2183	2125	2133	2167	2095	2443	2223	2199	2198	100.05	105.09
November	1955	1828	1966	2079	1836	2064	2184	1993	1955	101.94	95.24
December	1852	1792	1768	1737	1621	1898	2054	1812	1763	102.78	86.59
Daily average for year	2117	1994	1980	2072	2048	2242	2180	2093	2068	101.21	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25

Route I-94 East of Wibaux

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1971	1622	257	15.8	234	14.4	223	13.7	218	13.4	212	13.1	210	12.9
1972			COUNTER	OUT	DUE	TO	CONSTRUCTION						
1973			"	"	"	"	"						
1974			"	"	"	"	"						
1975			"	"	"	"	"						
1976	2264	319	14.1	285	12.6	276	12.2	265	11.7	262	11.6	259	11.4
1977	2008	364	18.1	286	14.2	275	13.7	269	13.4	266	13.2	260	12.9
1978	2192	428	19.5	312	14.2	299	13.6	288	13.1	283	12.9	278	12.7
1979	2052	317	15.4	239	11.6	232	11.3	227	11.1	222	10.8	219	10.7
1980	2093	304	14.5	254	12.1	244	11.7	236	11.3	232	11.1	226	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27 YEAR 1980

LOCATION U.S. 191 - 1.5 miles South of Fred Robinson Bridge

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.9 % Foreign Pass Cars 7.0 % Pickups 30.2 % Commercial 21.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	173	217	221	242	228	259	164	216	233	92.70	54.44
February	268	286	281	251	282	348	225	280	292	95.89	70.57
March	326	275	256	281	341	405	260	304	309	98.38	76.62
April	404	383	319	297	352	509	293	361	366	98.63	90.99
May	455	469	383	377	405	583	431	446	448	99.55	112.41
June	544	481	469	441	469	585	485	497	489	101.64	125.27
July	653	532	444	483	562	562	441	522	514	101.56	131.57
August	545	537	478	461	456	650	489	521	523	99.62	131.32
September	527	514	418	393	404	621	436	473	470	100.64	119.22
October	486	438	421	408	400	572	470	457	449	101.78	115.19
November	440	366	399	426	337	443	347	394	394	100.00	99.31
December	289	296	297	298	241	341	265	290	295	98.31	73.09
Daily average for year	426	400	366	363	373	490	359	397	399	99.50	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27

Route U.S. 191 Robinson Bridge

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1971	314	98	31.2	64	20.4	56	17.8	53	16.9	51	16.2	49	15.6
1972	320	105	32.8	70	21.9	61	19.1	56	17.5	54	16.9	53	16.6
1973	340	91	28.8	67	19.7	60	17.6	56	16.5	54	15.9	52	15.3
1974	330	82	24.8	63	19.1	57	17.3	54	16.4	52	15.8	49	14.8
1975	325	90	27.7	62	19.1	56	17.2	53	16.3	51	15.7	50	15.4
1976	348	90	25.9	67	19.3	61	17.5	57	16.4	55	15.8	53	15.2
1977	349	88	25.2	66	18.9	60	17.2	57	16.3	54	15.5	52	14.9
1978	348	88	25.3	68	19.5	59	17.0	57	16.4	55	15.8	53	15.2
1979	380	91	23.9	72	18.9	66	17.4	62	16.3	60	15.8	58	15.3
1980	397	91	22.9	78	19.6	70	17.6	66	16.6	63	15.9	61	15.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28 YEAR 1980

LOCATION Interstate Frontage Road - 7.0 miles West of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1239	1831	1788	2105	2071	2093	1544	1824	1957	93.20	83.73
February	1746	1889	2127	2061	1936	2036	1919	1962	2011	97.56	90.07
March	1826	1956	2093	2199	2165	2217	2192	2083	2188	95.20	95.62
April	2162	2461	2228	2466	2386	2548	2551	2397	2411	99.42	110.03
May	1991	2106	2446	2604	2442	2509	2352	2358	2426	97.20	108.24
June	2073	2339	2326	2533	2347	2439	2259	2322	2394	96.99	106.59
July	1879	2354	2353	2456	2445	2254	2010	2266	2378	95.29	104.02
August	1881	2268	2297	2460	2355	2489	2206	2271	2379	95.46	104.25
September	1877	2117	2354	2421	2348	2508	2369	2281	2338	97.56	104.71
October	1839	2172	2334	2411	2341	2442	2385	2289	2350	97.40	105.08
November	1803	2129	2140	2504	2118	2347	2120	2152	2247	95.77	98.79
December	1589	1983	1964	2171	1824	2029	1915	1936	2000	96.80	88.87
Daily average for year	1825	2134	2204	2366	2232	2326	2152	2178	2257	96.50	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28

Route Vaughn-Interstate-Frontage

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1971	553	103	18.6	89	16.1	84	15.2	80	14.5	75	13.6	74	13.4
1972	483	78	16.1	66	13.7	62	12.8	61	12.6	61	12.6	60	12.4
1973	634	91	14.4	84	13.2	80	12.6	79	12.5	77	12.1	76	12.0
1974	774	167	21.6	100	12.9	93	12.0	91	11.8	90	11.6	88	11.4
1975	850	201	23.6	129	15.2	117	13.8	112	13.2	108	12.7	105	12.4
1976	1097	229	20.9	142	12.9	139	12.7	132	12.0	130	11.9	128	11.7
1977	1628	265	16.3	246	15.1	239	14.7	235	14.4	226	13.9	223	13.7
1978	1965	326	16.6	268	13.6	257	13.1	250	12.7	246	12.5	243	12.4
1979	2296	456	19.9	285	12.4	276	12.0	269	11.7	266	11.6	264	11.5
1980	2178	386	17.7	278	12.8	262	12.0	258	11.8	255	11.7	252	11.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29 YEAR 1980

LOCATION Interstate Frontage Road - 6.0 miles West of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1518	2124	2070	2217	2258	2078	1839	2031	2153	94.33	89.79
February	1926	2380	2360	2248	2225	2386	2126	2241	2323	96.47	99.07
March	1934	2484	2095	2328	2411	2577	2360	2308	2384	96.81	102.03
April	2200	2474	2444	2414	2416	2712	2387	2435	2486	97.95	107.65
May	2025	2398	2453	2524	2513	2757	2339	2440	2539	96.10	107.87
June	2269	2462	2522	2442	2438	2709	2390	2455	2512	97.73	108.53
July	2147	2381	2338	2368	2441	2451	2147	2330	2394	97.33	103.01
August	2221	2479	2428	2445	2490	2672	2296	2429	2511	96.73	107.38
September	2153	2319	2304	2483	2468	2620	2406	2388	2427	98.39	105.57
October	1772	2081	2097	2040	2092	2323	1978	2064	2130	96.90	91.25
November	1682	2152	2360	2198	1969	2222	1986	2065	2180	94.72	91.29
December	1576	2009	2016	2089	1873	2158	1924	1958	2030	96.45	86.56
Daily average for year	1952	2312	2291	2316	2300	2472	2182	2262	2339	96.71	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29

Route Billings Interstate Frontage

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961			UNDER	CONSTRUCTION									
1971	1702	228	13.4	182	10.7	175	10.3	172	10.1	168	9.9	166	9.8
1972	1831	229	12.5	194	10.6	187	10.2	184	10.0	182	9.9	180	9.8
1973	1872	250	13.4	191	10.2	186	9.9	181	9.7	179	9.6	177	9.5
1974	1744	209	12.0	178	10.2	174	10.0	172	9.9	170	9.7	167	9.6
1975	1565	218	13.9	178	11.4	172	11.0	169	10.8	167	10.7	165	10.5
1976	1611	340	21.1	193	12.0	182	11.3	176	10.9	172	10.7	168	10.4
1977	1979	258	13.0	240	12.1	233	11.8	228	11.5	224	11.3	222	11.2
1978	2101	286	13.6	260	12.4	249	11.9	243	11.6	239	11.4	235	11.2
1979		Machine	failure	July &	August								
1980	2262	401	17.7	274	12.1	265	11.7	256	11.3	252	11.1	244	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30 YEAR 1980

LOCATION I-90 - 0.9 miles West of Superior Interchange

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 19.7 % Foreign Pass Cars 25.7 % Pickups 25.1 % Commercial 29.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1877	2261	2544	2590	2573	2715	1957	2380	2541	93.66	73.30
February	2030	2417	2730	2791	2952	2869	2357	2602	2757	94.38	80.14
March	2595	2711	3058	3231	3260	3388	2801	2991	3130	95.56	92.12
* April	2400	3000	3070	3040	3085	3360	2600	2940	3110	94.53	90.55
May	2477	2140	2369	2575	2865	3246	2622	2642	2677	98.69	81.38
June	3530	3849	3743	3854	3982	4454	4066	3910	3970	98.49	120.43
July	4638	4597	4497	4508	4979	4956	4367	4650	4701	98.92	143.22
August	4720	4801	4788	4702	5039	5554	4976	4954	5004	99.00	152.58
September	3670	3970	3853	3960	4050	4467	3626	3940	4046	97.38	121.35
October	3112	2999	2991	3045	3249	3618	3092	3182	3210	99.13	98.01
November	2537	2486	2652	2939	2493	2750	2487	2613	2664	98.09	80.48
December	2161	2163	2234	2225	1896	2177	2208	2157	2148	100.42	66.44
Daily average for year	2979	3116	3211	3288	3369	3630	3097	3247	3330	97.51	

* Estimated

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30

Route I-90 West of Superior

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961		UNDER	CONSTRUCTION										
1971	2346	375	16.0	334	14.2	324	13.8	320	13.6	313	13.3	311	13.3
1972	2754	470	17.1	394	14.3	374	13.6	366	13.3	359	13.0	355	12.9
1973	2962	486	16.4	407	13.7	389	13.1	379	12.8	373	12.6	366	12.4
1974	3126	514	16.4	469	15.0	460	14.7	449	14.4	439	14.4	434	13.9
1975	3069	486	15.8	411	13.4	398	13.0	392	12.8	386	12.6	380	12.4
1976	3471	523	15.1	464	13.4	449	12.9	440	12.7	434	12.5	429	12.4
1977	3467	529	15.3	461	13.3	443	12.8	439	12.7	435	12.5	432	12.5
1978	3704	630	17.0	515	13.9	487	13.1	481	13.0	476	12.9	465	12.6
1979	3444	431	12.5	394	11.4	380	11.0	370	10.7	364	10.6	358	10.4
1980	3247	475	14.6	438	13.5	419	12.9	404	12.4	399	12.3	393	12.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31 YEAR 1980

LOCATION I-94 - 7.8 miles West of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 38.2 % Foreign Pass Cars 14.0 % Pickups 26.2 % Commercial 21.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1460	1780	1852	1956	1933	2003	1746	1828	1906	95.91	66.60
February	1985	2025	2045	1995	1985	2432	2170	2103	2112	99.57	76.61
March	2233	2024	2114	2136	2282	2687	2375	2259	2238	100.94	82.30
April	2445	2569	2387	2434	2537	3036	2381	2533	2576	98.33	92.28
May	3031	2949	2798	2845	2912	3542	3115	3043	3029	100.46	110.86
June	3390	3487	3462	3555	3733	4055	3399	3579	3658	97.84	130.39
July	3478	3596	3325	3381	3388	3821	3492	3490	3492	99.94	127.14
August	3207	3142	3320	3252	3494	3938	3554	3446	3507	98.83	126.27
September	2902	3061	2872	2912	3036	3504	3053	3043	3067	99.22	110.86
October	2661	2632	2627	2667	2662	3171	2720	2744	2762	99.35	99.97
November	2564	2280	2576	2815	2384	2778	2597	2571	2567	100.16	93.66
December	2227	2227	2354	2269	2010	2424	2446	2280	2260	100.89	83.06
Daily average for year	2632	2648	2644	2685	2696	3116	2754	2745	2765	99.28	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-31

Route I-94 West of Miles City

Traffic Type Interstate - Foreign and Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	2065	302	14.6	271	13.1	260	12.6	251	12.2	247	12.0	246	11.9
1972	2324	317	13.6	291	12.5	283	12.2	277	11.9	274	11.8	270	11.6
1973		COUNTER	REMOVED	DUE	TO	CONSTRUCTION							
1974		"	"	"	"	"							
1975		"	"	"	"	"							
1976	2637	375	14.2	334	12.7	323	12.2	317	12.0	313	11.9	309	11.7
1977	2640	392	14.8	345	13.1	331	12.5	321	12.2	315	11.9	308	11.7
1978	2693	474	17.6	366	13.6	340	12.6	332	12.3	327	12.1	321	11.9
1979	2848	399	14.0	357	12.5	344	12.1	334	11.7	327	11.5	321	11.3
1980	2745	377	13.7	327	11.9	315	11.5	304	11.1	291	10.6	286	10.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32 YEAR 1980

LOCATION On 25th St. North between 4th & 5th Ave. Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1961	3300	3187	3327	3401	3214	2573	3048	3289	92.67	88.05
February	2233	3242	3354	3142	3280	3542	3060	3136	3323	94.37	90.59
March	2462	3403	3432	3465	3654	3809	3159	3308	3545	93.31	95.56
April	2709	3805	3773	3796	3893	4096	3603	3676	3865	95.11	106.19
May	2689	3156	3833	4027	4104	4209	3532	3679	3892	94.53	106.27
June	2877	3990	3912	4024	4005	4172	3537	3764	4019	93.66	108.73
July	2723	3964	4038	3993	4002	3693	3253	3700	3948	93.72	106.87
August	2846	3976	3952	3871	3965	4158	3340	3702	3993	92.71	106.94
September	2595	3464	3840	3785	3895	4064	3477	3593	3795	94.68	103.79
October	2469	3590	3662	3561	3725	3958	3342	3499	3706	94.41	101.07
November	2339	3563	3520	3696	3214	3644	3152	3267	3527	92.63	94.37
December	2367	3487	3379	3534	2843	3313	3040	3170	3332	95.14	91.57
Daily average for year	2523	3578	3657	3685	3665	3823	3256	3462	3686	93.92	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32

Route 25th Street North in Great Falls

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3318	512	15.4	472	14.2	439	13.2	413	12.4	386	11.6	367	11.1
1972	3219	572	17.8	372	11.6	351	10.9	345	10.7	342	10.6	338	10.5
1973	3273	480	14.7	366	11.2	351	10.7	345	10.5	340	10.4	336	10.3
1974	3212	355	11.1	341	10.6	333	10.4	327	10.2	319	9.9	317	9.9
1975	3360	388	11.5	375	11.2	362	10.8	353	10.5	351	10.4	347	10.3
1976	3605	430	11.9	397	11.0	389	10.8	383	10.6	376	10.4	369	10.2
1977	3728	451	12.1	410	11.0	399	10.7	393	10.5	389	10.4	385	10.3
1978	3669	444	12.1	417	11.4	408	11.1	402	11.0	397	10.8	392	10.7
1979	3708	771	20.8	418	11.3	409	11.0	400	10.8	393	10.6	388	10.5
1980	3462	414	12.0	380	11.0	374	10.8	366	10.6	362	10.5	358	10.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33

YEAR 1980

LOCATION On 10th Ave. South between 9th & 10th St. Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	17007	25574	23411	26038	25865	27731	23058	24195	25643	94.35	86.39
February	19556	25761	25296	25190	25258	29520	26415	25431	26363	96.46	90.80
March	20807	26711	26842	27353	28561	31562	29131	27113	28135	96.37	96.81
April	22393	28777	27650	28463	29231	32868	29648	28408	29276	97.04	101.43
May	22874	24409	28164	29211	29955	32838	29278	28355	29141	97.30	101.24
June	23703	31617	30561	31027	31432	33903	30036	30148	31704	95.09	107.65
July	23978	31561	31630	31824	32696	30666	27432	30171	31724	95.10	107.73
August	23298	31523	30880	31402	31877	34485	29828	30348	32150	94.40	108.36
September	21684	27968	29777	29771	30139	32731	28859	28715	29967	95.82	102.53
October	21488	28444	28188	28687	30418	33306	29785	28828	29938	96.29	102.93
November	21005	28784	28098	29436	26467	32134	28124	27511	28984	94.92	98.23
December	20905	28829	28066	28518	23619	29524	27340	26859	27810	96.58	95.90
Daily average for year	21558	28330	28214	28910	28793	31772	28245	28007	29236	95.77	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33

Route 10th Avenue South in Great Falls

Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5	2253	9.3	2237	9.3
1972	24984	2552	10.2	2478	9.9	2449	9.8	2418	9.7	2396	9.6	2371	9.5
1973	24952	2745	11.0	2443	9.8	2395	9.6	2379	9.5	2351	9.4	2323	9.3
1974	24681	2589	10.5	2439	9.9	2388	9.7	2334	9.5	2310	9.4	2281	9.2
1975	24609	2471	10.0	2336	9.5	2308	9.4	2280	9.3	2264	9.2	2253	9.2
1976	27306	3000	11.0	2677	9.8	2620	9.6	2584	9.5	2567	9.4	2543	9.3
1977	28924	2780	9.6	2712	9.4	2685	9.3	2655	9.2	2626	9.1	2602	9.0
1978	28532	2973	10.4	2722	9.5	2669	9.4	2627	9.2	2606	9.1	2601	9.1
1979	28606	2756	9.6	2654	9.3	2608	9.1	2574	9.0	2556	8.9	2540	8.8
1980	28007	3080	11.0	2651	9.5	2614	9.3	2572	9.2	2564	9.2	2552	9.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34 YEAR 1980

LOCATION U.S. 12 - 0.6 miles West of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 22.7 % Foreign Pass Cars 4.5 % Pickups 47.1 % Commercial 25.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	190	225	231	253	234	254	200	228	239	95.40	96.88
February	234	245	225	252	239	273	180	237	248	95.56	100.71
March	284	257	209	201	237	298	239	246	239	102.93	104.53
April	247	298	267	257	275	323	262	275	282	97.52	116.86
May	236	241	191	194	203	253	209	218	217	100.46	92.63
June	253	213	189	198	205	267	214	221	214	103.27	93.91
July	249	236	228	224	238	273	214	236	237	99.58	100.29
August	297	257	245	267	268	286	228	264	266	99.25	112.18
September	245	238	222	216	225	282	205	233	236	98.73	99.01
October	244	230	225	219	213	265	240	233	231	100.87	99.01
November	228	216	228	255	212	244	237	232	231	100.43	98.58
December	199	213	206	216	166	214	183	201	204	98.53	85.41
Daily average for year	242	239	222	229	226	269	218	235	237	99.16	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34

Route U.S. 12 West of Ingomar

Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	263	57	21.7	47	17.9	45	17.1	42	16.0	40	15.2	39	14.8
1972	267	76	28.5	55	20.6	52	19.5	48	18.0	46	17.2	44	16.5
1973	254	59	23.2	46	18.1	41	16.1	38	15.0	37	14.6	37	14.6
1974	276	71	25.7	53	19.2	47	17.0	44	15.9	43	15.6	41	14.9
1975	272	89	32.7	49	18.0	45	16.5	43	15.8	42	15.4	41	15.1
1976	301	139	46.2	63	20.9	56	18.6	50	16.6	47	15.6	45	15.0
1977	310	68	21.9	54	17.4	51	16.5	49	15.8	47	15.2	45	14.5
1978	305	63	20.7	56	18.4	51	16.7	50	16.4	48	15.7	47	15.4
1979	301	79	26.2	54	17.9	51	16.9	49	16.3	47	15.6	45	15.0
1980	235	59	25.1	40	17.0	38	16.2	36	15.3	34	14.5	33	14.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35 YEAR 1980

LOCATION I-90 Frontage Road 11.0 miles East of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 54.4 % Foreign Pass Cars 0.9 % Pickups 34.2 % Commercial 10.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	365	481	483	504	510	552	447	479	505	94.85	78.99
February	433	520	557	519	551	590	489	525	549	95.63	86.57
March	474	606	556	593	603	645	565	575	601	95.67	94.82
April	545	653	641	642	647	647	623	629	646	97.37	103.72
May	571	506	593	592	648	726	687	624	620	100.65	102.91
June	580	691	687	702	710	723	591	667	702	95.01	109.99
July	543	646	655	649	648	663	566	627	652	96.17	103.39
August	594	627	640	640	638	702	607	635	652	97.39	104.71
September	590	613	686	656	663	723	665	656	667	98.35	108.18
October	536	650	649	689	675	714	601	648	676	95.86	106.86
November	514	652	670	677	633	697	602	630	666	94.59	103.89
December	476	607	591	628	582	640	533	582	609	95.57	95.97
Daily average for year	518	604	617	624	626	669	581	606	629	96.34	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35

Route FAS 210 - Turah

Traffic Type Secondary Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	328	52	15.9	44	13.4	42	12.8	41	12.5	40	12.2	39	11.9
1972	423	106	25.1	64	15.1	61	14.4	56	13.2	55	13.0	54	12.8
1973			MACHINE FAILURE										
1974	571	105	18.4	78	13.7	71	12.4	68	11.9	66	11.6	65	11.4
1975	599	96	16.0	77	12.9	73	12.2	69	11.5	67	11.2	66	11.0
1976	556	79	14.2	67	12.1	64	11.5	63	11.3	62	11.2	60	10.8
1977	548	80	14.6	66	12.0	60	10.9	57	10.4	57	10.4	56	10.2
1978	538	77	14.3	65	12.1	62	11.5	61	11.3	60	11.2	58	10.8
1979	552	116	21.0	74	13.4	70	12.7	67	12.1	65	11.8	64	11.6
1980	606	83	13.7	76	12.5	72	11.9	70	11.6	68	11.2	67	11.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36 YEAR 1980

LOCATION U.S. 2 - 0.5 miles West of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 36.6 % Foreign Pass Cars 9.1 % Pickups 44.9 % Commercial 9.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	654	699	762	805	784	848	564	736	780	94.36	51.41
February	1221	882	937	932	883	1063	999	991	945	104.87	69.22
March	1284	1057	911	957	1155	1387	1098	1124	1091	103.02	78.51
April	1491	1370	1156	1129	1335	1774	1579	1387	1334	103.97	96.86
May	1870	1443	1343	1381	1481	1809	1640	1565	1492	104.89	109.31
June	1799	1714	1492	1774	1600	1934	1842	1745	1713	101.87	121.88
July	2723	2273	2082	2077	2401	2521	2299	2325	2260	102.88	162.39
August	2406	2100	1898	1976	2004	2444	2214	2169	2101	103.24	151.49
September	1640	1663	1496	1511	1546	1848	1651	1619	1610	100.56	113.08
October	1507	1334	1254	1310	1371	1705	1610	1445	1405	102.85	100.93
November	1133	1146	1167	1265	1115	1438	1165	1201	1226	97.96	83.88
December	861	840	912	934	726	969	858	874	879	99.43	61.04
Daily average for year	1549	1377	1284	1338	1367	1645	1460	1432	1403	102.07	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-36

Route U.S. 2 West of Browning

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1152	386	33.5	279	24.2	236	20.5	220	19.1	211	18.3	203	17.6
1972	1278	288	22.5	252	19.7	243	19.0	233	18.2	226	17.7	222	17.4
1973	1475	692	47.0	390	26.4	331	22.4	320	21.7	301	20.4	293	20.0
1974	1208	307	25.4	278	23.0	253	20.9	234	19.4	224	18.5	212	17.5
1975	1164	321	17.6	242	20.8	223	19.2	211	18.1	204	17.5	198	17.0
1976	1374	297	21.6	270	19.7	253	18.4	239	17.4	231	16.8	223	16.2
1977	1490	312	20.9	276	18.5	256	17.2	246	16.5	238	16.0	234	15.7
1978	1403	312	22.2	276	19.7	246	17.5	239	17.0	234	16.7	228	16.3
1979	1502	670	44.6	319	21.2	271	18.0	246	16.4	236	15.7	231	15.4
1980	1432	455	31.8	264	18.4	246	17.2	233	16.3	224	15.6	217	15.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37 YEAR 1980

LOCATION South of Orange St. Bridge in Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8499	16422	14171	15715	16705	18451	12482	14740	16062	91.77	90.83
February	9610	16521	16290	16078	16435	18735	13237	15392	16903	91.06	94.85
March	10147	17759	16428	16717	17257	19107	13897	15711	17468	89.94	96.82
April	10868	17803	17532	17496	17787	19521	14271	16538	17981	91.97	101.91
May	11687	18565	17634	18123	19278	20427	16038	17564	18980	92.54	108.24
June	11038	18917	18061	17931	18116	20202	14268	16794	18645	90.07	103.49
July	10760	18853	18251	18431	19024	17057	12935	16676	18355	90.85	102.77
August	11012	19430	18394	18707	18721	20439	14174	17069	19200	88.90	105.19
September	10538	16689	18326	17987	18111	20283	14208	16653	18209	91.45	102.62
October	10320	17340	17317	17650	17995	20122	14809	16709	18150	90.56	102.97
November	10049	17851	16967	17791	14086	18255	13966	15390	17081	90.10	94.84
December	9565	17714	16985	16725	14889	17939	13392	15492	16888	91.73	95.47
Daily average for year	10341	17822	17196	17446	17367	19212	13973	16227	17827	91.02	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37

Route Orange Street Bridge - Missoula

Traffic Type Urban & City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	13679	1747	12.8	1678	12.3	1605	11.7	1570	11.5	1541	11.3	1522	11.1
1972	14884	1893	12.7	1737	11.7	1706	11.4	1663	11.2	1634	11.0	1619	10.9
1973	15380	1831	11.9	1752	11.4	1694	11.0	1672	10.9	1653	10.7	1640	10.7
1974	15517	1874	12.1	1734	11.2	1672	10.8	1652	10.6	1631	10.5	1611	10.4
1975	16209	1969	12.1	1897	11.7	1853	11.4	1810	11.2	1785	11.0	1778	11.0
1976	17350	1087	12.0	1998	11.5	1940	11.2	1906	11.0	1886	10.9	1865	10.8
1977	17900	2115	11.8	2048	11.4	2027	11.3	1999	11.2	1976	11.0	1961	10.9
1978	18514	3281	17.7	2088	11.3	2031	11.0	2009	10.9	1977	10.7	1962	10.6
1979	18311	3115	17.0	2008	11.0	1968	10.7	1938	10.6	1917	10.5	1891	10.3
1980	16227	1795	11.1	1756	10.8	1701	10.5	1679	10.3	1666	10.3	1652	10.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38 YEAR 1980

LOCATION Montana 20 - 1.0 mile West of Jordan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.1 % Foreign Pass Cars 3.4 % Pickups 41.6 % Commercial 10.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	144	194	199	220	203	197	145	188	203	92.61	53.57
February	196	244	231	222	219	253	180	222	235	94.47	63.26
March	246	242	232	242	251	318	226	250	256	97.66	71.24
April	342	379	294	301	331	428	284	330	336	98.21	94.04
May	343	367	361	388	406	473	338	385	403	95.53	109.71
June	468	460	450	447	467	509	439	463	466	99.36	131.94
July	538	552	461	472	519	527	445	500	503	99.40	142.49
August	449	467	466	449	438	562	471	474	480	98.75	135.08
September	388	421	363	359	396	466	361	393	400	98.25	111.99
October	426	421	382	354	359	472	410	402	397	101.26	114.56
November	363	340	366	388	331	384	358	361	361	100.00	102.87
December	235	276	248	244	221	244	222	243	248	97.98	69.25
Daily average for year	345	364	338	341	345	403	323	351	357	98.32	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38

Route Montana 200 West of Jordan

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	331	73	22.1	59	17.8	56	16.9	54	16.3	53	16.0	52	15.7
1972	346	69	19.9	59	17.1	57	16.5	55	15.9	54	15.6	53	15.4
1973	371	82	22.1	68	18.3	60	16.2	57	15.4	55	14.8	53	14.3
1974	372	79	21.2	58	15.6	55	14.8	53	14.2	52	14.0	50	13.4
1975	363	79	21.8	60	16.5	57	15.7	55	15.2	53	14.6	52	14.3
1976	397	89	22.4	64	16.1	61	15.4	60	15.1	58	14.6	57	14.4
1977	412	104	25.2	67	16.3	63	15.3	61	14.8	59	14.3	58	14.1
1978	394	99	25.1	70	17.8	65	16.5	62	15.7	61	15.5	60	15.2
1979	364	68	18.7	62	17.0	58	15.9	54	14.8	52	14.3	51	14.0
1980	351	77	21.9	58	16.5	55	15.7	53	15.1	52	14.8	51	14.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39 YEAR 1980

LOCATION U.S. 89 - 0.5 miles North of Dupuyer

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 26.3 % Foreign Pass Cars 20.1 % Pickups 37.3 % Commercial 16.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	185	221	233	262	233	220	207	225	235	95.74	44.95
February	256	240	231	201	210	285	285	246	237	103.80	49.14
March	290	236	236	251	276	289	336	274	256	107.03	54.74
* April	199	174	170	130	203	260	219	193	187	103.21	38.56
May	512	528	567	651	622	638	532	580	603	96.19	115.86
June	806	762	690	722	677	791	762	747	730	102.33	149.23
July	1059	978	930	909	973	979	987	970	952	101.89	193.76
August	1030	983	993	1035	1022	1086	902	1007	1026	98.15	201.17
September	625	667	646	649	673	714	627	657	669	98.21	131.25
October	503	415	391	418	450	515	520	459	441	104.08	91.69
November	360	361	371	371	359	399	421	378	372	101.61	75.51
December	230	257	268	283	241	305	312	271	271	100.00	54.14
Daily average for year	505	485	477	490	495	540	509	501	498	100.60	

* Out of Service for Nine Days

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39

Route U.S. 89 North of Dupuyer

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	507	146	28.8	132	26.0	126	24.9	122	24.1	120	23.7	118	23.3
1972	511	163	31.9	134	26.2	129	25.2	126	24.7	123	24.1	121	23.7
1973	500	131	26.2	117	23.4	112	22.4	107	21.4	106	21.2	104	20.8
1974	467	179	38.3	129	27.6	109	23.3	105	22.5	101	21.6	98	21.0
1975	477	126	26.4	115	24.1	112	23.5	109	22.9	106	22.2	104	21.8
1976	529	147	27.8	130	24.6	123	23.3	120	22.7	118	22.3	116	21.9
1977	542	144	26.6	121	22.3	116	21.4	110	20.3	108	19.9	105	19.4
1978	520	164	31.5	123	23.7	117	22.5	115	22.1	112	21.5	111	21.3
1979	502	163	32.5	144	28.7	125	24.9	114	22.7	107	21.3	101	20.1
1980	501	124	24.8	118	23.6	111	22.2	106	21.2	104	20.8	102	20.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40 YEAR 1980

LOCATION Wolf Creek Frontage Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	49	36	44	43	46	44	48	44	43	102.33	25.71
February	120	59	53	51	46	58	108	70	54	129.63	40.90
March	122	51	48	62	65	82	130	82	61	134.43	47.91
April	302	115	91	98	110	131	259	154	108	142.59	89.97
May	301	160	120	131	152	180	254	187	151	123.84	109.25
June	424	204	206	193	208	268	375	271	215	126.05	158.33
July	514	265	312	294	317	385	417	353	314	112.42	206.23
August	460	239	246	259	277	298	401	319	265	120.38	186.36
September	297	211	160	159	165	207	257	206	181	113.81	120.35
October	300	149	131	122	142	166	249	176	142	123.94	102.82
November	185	104	112	94	101	120	158	128	106	120.75	74.78
December	80	57	57	55	45	68	92	64	56	114.29	37.39
Daily average for year	263	138	132	130	140	167	229	171	141	121.28	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-40

Route Wolf Creek - Frontage Road

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	137	55	40.1	41	29.9	39	28.5	36	26.3	35	25.5	32	23.4
1972	108	53	49.1	40	37.0	35	32.4	30	27.8	27	25.0	24	22.2
1973	145	67	46.2	55	37.9	50	34.5	45	31.0	43	30.0	41	28.3
1974	154	71	46.1	57	37.0	48	31.2	46	29.9	44	28.6	41	26.6
1975	136	69	50.7	56	41.2	49	36.0	46	33.8	44	32.4	41	30.1
1976	137	85	62.0	54	39.4	49	35.8	46	33.6	43	31.4	42	30.7
1977	159	70	44.0	57	35.8	53	33.3	50	31.4	49	30.8	48	30.2
1978	156	79	50.6	66	42.3	58	37.2	54	34.6	52	33.3	49	31.4
1979		Machine	failure	in	September								
1980	171	70	40.9	59	34.5	56	32.7	51	29.8	47	27.5	45	26.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41 YEAR 1980

LOCATION I-90 - East of Livingston

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 42.5 % Foreign Pass Cars 8.9 % Pickups 20.2 % Commercial 28.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2325	2236	2582	2622	2590	2789	2389	2514	2568	97.90	62.01
February	3077	2762	2717	2686	2737	3474	3086	2953	2904	101.69	72.83
March	3583	2787	2745	3031	3267	4061	3504	3283	3160	103.89	80.97
April	3978	3330	3255	3301	3679	4596	3708	3665	3600	101.81	90.40
May	4229	3773	3330	3502	3833	4796	4149	3975	3889	102.21	98.04
June	5259	4577	4495	4615	4693	5679	5432	4940	4770	103.56	121.84
July	6317	5222	4981	5268	5943	5800	5009	5461	5391	101.30	134.69
August	5977	5411	5439	5516	5576	6318	5896	5765	5684	101.43	142.19
September	5025	4676	4327	4539	4589	5421	4990	4776	4691	101.81	117.80
October	4723	3962	3819	3747	3986	5122	4682	4291	4148	103.45	105.84
November	4227	3228	3610	4032	3465	4109	3913	3816	3689	103.44	94.12
December	3332	3025	3207	3230	2754	3470	3526	3214	3139	102.39	79.27
Daily average for year	4338	3749	3709	3841	3926	4636	4190	4054	3969	102.14	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41

Route I-90 & U.S. 10 East of Livingston

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3030	562	18.5	437	14.4	407	13.4	397	13.1	393	13.0	385	12.7
1972	3296	539	16.4	467	14.2	454	13.8	441	13.4	432	13.1	421	12.8
1973	3518	524	14.9	483	13.7	468	13.3	455	12.9	445	12.6	438	12.5
1974	3519	564	16.0	495	14.1	468	13.3	459	13.0	448	12.7	436	12.4
1975	3645	588	16.1	491	13.5	473	13.0	460	12.6	453	12.4	449	12.3
1976	3940	620	15.7	573	14.5	520	13.2	506	12.8	498	12.6	491	12.5
1977	4055	645	15.9	558	13.7	536	13.2	526	13.0	521	12.8	512	12.6
1978	4296	684	15.9	602	14.0	568	13.2	550	12.8	542	12.6	536	12.5
1979	4068	634	15.6	530	13.0	484	11.9	467	11.5	460	11.3	454	11.2
1980	4054	592	14.6	552	13.6	514	12.7	492	12.1	480	11.8	472	11.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-42 YEAR 1980

LOCATION On 26th St. North between 4th & 5th Ave. Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass. Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January		Out	of	service							
February	1794	2496	2507	2473	2568	2686	2378	2424	2553	94.95	
March	1996	2639	2724	2742	2769	2979	2801	2646	2764	95.73	
April	2322	2916	2882	2931	2974	3233	3032	2899	2980	97.28	
May	2224	2528	2964	3182	3229	3307	2834	2917	3062	95.26	
June	2393	3087	3094	3197	3146	3463	2948	3025	3190	94.83	
July	2289	3214	3234	3224	3280	3045	2648	3015	3205	94.07	
August	2267	3123	3055	3051	3131	3178	2739	2914	3110	93.70	
September	2159	2749	3049	2877	3096	3304	2938	2891	3015	95.89	
October	2081	2853	2959	2932	2999	3243	2796	2859	3005	95.14	
November	1972	2833	2847	2984	2594	2991	2710	2680	2850	94.04	
December	2103	2933	2946	3001	2494	2911	2753	2756	2870	96.03	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42

Route 26th Street North - Great Falls

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	2424	433	17.9	299	12.3	282	11.6	276	11.4	270	11.1	267	11.0
1973	2439	379	15.5	291	11.9	278	11.4	272	11.2	269	11.0	266	10.9
1974	2338	316	13.5	283	12.1	273	11.7	267	11.4	264	11.3	261	11.2
1975	2706	425	15.7	307	11.3	300	11.1	295	10.9	293	10.8	289	10.7
1976	2932	360	12.3	324	11.1	317	10.8	311	10.6	309	10.5	307	10.5
1977	3037	370	12.2	335	11.0	330	10.9	324	10.7	321	10.6	318	10.5
1978	2850	367	12.9	335	11.8	326	11.4	318	11.2	314	11.0	310	10.9
1979	2997	389	13.0	350	11.7	341	11.4	333	11.1	328	10.9	326	10.8
1980	Out of	service	in	January									

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-43 YEAR 1980

LOCATION U.S. 191 - Big Sky

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 35.8 % Foreign Pass Cars 19.5 % Pickups 28.1 % Commercial 16.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1003	772	917	913	898	1033	1118	946	907	104.30	71.65
February	1388	1008	896	841	884	1164	1286	1070	968	110.54	81.04
March	1399	921	900	928	982	1205	1415	1120	984	113.82	84.83
April	1180	852	885	848	907	1002	1203	975	896	108.82	73.85
May	1108	1051	1010	1083	1057	1160	1176	1096	1076	101.86	83.01
June	1716	1498	1409	1475	1533	1711	1775	1589	1524	104.27	120.35
July	2212	1975	1962	1979	2086	2192	2042	2059	2035	101.18	155.94
August	2213	2027	1985	1984	2083	2266	2275	2132	2078	102.60	161.47
September	1532	1579	1439	1542	1483	1651	1656	1551	1536	100.98	117.47
October	1360	1208	1139	1117	1153	1346	1451	1249	1194	104.61	94.60
November	987	870	978	1014	883	1094	1038	983	968	101.55	74.45
December	1145	1007	1066	1078	830	1148	1261	1074	1029	104.37	81.34
Daily average for year	1437	1231	1216	1234	1232	1414	1475	1320	1266	104.27	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43

Route U.S. 191 - 35.0 Miles South of Bozeman

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	1240	220	17.7	201	16.2	192	15.5	188	15.2	184	14.8	180	14.5
1973	1262	259	20.5	228	18.1	210	16.6	206	16.3	201	15.9	197	15.6
1974	1217	239	19.6	213	17.5	206	16.9	199	16.4	193	15.9	187	15.4
1975	1178	256	21.7	217	18.4	207	17.6	194	16.5	186	15.8	177	15.0
1976	1309	284	21.7	249	19.0	233	17.8	219	16.7	212	16.2	202	15.4
1977	1352	267	19.7	233	17.2	219	16.2	213	15.8	210	15.5	205	15.2
1978	1418	274	19.3	243	17.1	229	16.1	219	15.4	214	15.1	211	14.9
1979	1321	268	20.3	208	15.7	198	15.0	191	14.5	189	14.3	183	13.9
1980	1320	231	17.5	209	15.8	202	15.3	191	14.5	188	14.2	183	13.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-44 YEAR 1980

LOCATION Big Mountain

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1604	857	1322	1271	1501	1816	2479	1532	1355	113.06	218.78
February	2409	1249	1400	1338	1560	1910	3133	1858	1511	122.96	265.33
March	1878	1031	1091	1234	1301	1541	2276	1503	1229	122.29	214.64
April	644	313	421	427	575	824	823	565	504	112.10	80.68
May	144	114	120	119	136	147	138	132	128	103.13	18.85
June	219	261	261	241	209	245	253	241	244	98.77	34.42
July	393	313	347	344	332	319	370	345	332	103.92	49.27
August	538	362	369	413	483	454	443	441	418	105.50	62.97
September	218	263	232	235	232	216	233	234	237	98.73	33.42
October	262	280	230	230	226	262	248	247	245	100.82	35.27
November	147	186	188	181	175	174	192	177	181	97.79	25.28
December	1529	1091	1147	1147	704	925	1356	1128	1019	110.70	161.09
Daily average for year	832	527	594	598	620	736	995	700	617	113.45	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-44

Route Big Mountain

Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974	575	478	83.1	371	64.5	282	49.0	254	44.1	222	38.6	194	33.7
1975	598	629	105.2	422	70.6	377	63.0	319	53.3	292	48.8	266	44.5
1976	690	598	98.2	526	86.4	446	73.2	399	65.5	359	58.9	329	54.0
1977	820	451	55.0	390	47.6	344	42.0	315	38.4	282	34.4	266	32.4
1978	786	633	80.5	478	60.8	416	52.9	367	46.7	341	43.4	319	40.6
1979	737	836	113.4	510	69.2	446	60.5	371	50.3	338	45.9	313	42.5
1980	700	694	99.1	528	75.4	449	64.1	385	55.0	359	51.3	326	46.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-45 YEAR 1980

LOCATION Hungry Horse Dam

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	45	30	41	35	54	48	47	43	42	102.38	14.33
February	118	113	118	104	110	109	94	109	111	98.20	36.32
March	141	93	94	121	116	102	118	113	104	108.65	37.66
April	293	87	74	109	86	113	184	132	94	140.43	43.99
May	476	216	194	157	154	161	336	239	175	136.57	79.64
June	730	425	393	433	388	352	613	483	399	121.05	160.96
July	1095	668	703	682	681	823	983	794	708	112.15	264.59
August	1007	663	728	686	690	701	832	767	694	110.52	255.60
September	469	451	345	364	369	364	446	401	380	105.53	133.63
October	450	253	240	242	231	267	391	291	246	118.29	96.97
November	207	153	144	130	143	160	187	163	146	111.64	54.32
December	107	66	55	63	47	57	69	66	58	113.79	21.99
Daily average for year	428	268	261	261	256	271	358	300	263	114.07	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-45

Route Hungry Horse Dam

Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976	434	210	48.4	145	33.4	138	31.8	131	30.2	124	28.6	119	27.4
1977	360	192	53.3	159	44.2	137	38.1	130	36.1	123	34.2	117	32.5
1978	342	203	59.4	154	45.0	137	40.1	127	37.1	121	35.4	117	34.2
1979	310	142	45.8	123	39.7	111	35.8	105	33.9	100	32.2	97	31.3
1980	300	158	52.7	126	42.0	113	37.7	110	36.7	104	34.7	102	34.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-46 YEAR 1980

LOCATION U.S. 2 - Burnham, M.P. 372.85

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 45.9 % Foreign Pass Cars 3.7 % Pickups 41.3 % Commercial 9.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	662	927	881	964	909	945	699	861	924	93.18	65.33
February	904	987	1037	980	1011	1173	1035	1023	1044	97.99	77.62
March	971	1074	1076	1092	1125	1297	1039	1090	1130	96.46	82.71
April	1362	1353	1175	1213	1228	1436	1267	1284	1273	100.86	97.43
May	1586	1203	1240	1402	1359	1554	1495	1412	1361	103.75	107.14
June	1989	1551	1555	1613	1540	1583	1611	1644	1568	104.85	124.74
July	2029	1937	1889	1913	1885	2025	1794	1922	1925	99.84	145.83
August	1612	1730	1626	1696	1697	1836	1631	1690	1723	98.08	128.23
September	1349	1361	1386	1374	1385	1559	1348	1393	1409	98.86	105.70
October	1176	1184	1269	1223	1283	1480	1327	1282	1293	99.15	97.27
November	1033	1183	1251	1251	1184	1332	1188	1197	1240	96.53	90.83
December	892	1079	1064	1041	916	1100	997	1017	1043	97.51	77.17
Daily average for year	1297	1297	1287	1314	1294	1443	1286	1318	1328	99.25	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A - 46
Functional Class

Route U.S. 2 - West of Havre
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1318	233	17.7	197	14.9	178	13.5	731	13.1	169	12.8	164	12.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-47

LOCATION U.S. 93 - Florence M.P. 73.7

YEAR 1980

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 49.6 % Foreign Pass Cars 5.0 % Pickups 34.7 % Commercial 10.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2933	3458	3605	3660	3638	4096	4000	3605	3670	98.23	81.28
February	3267	3729	3672	3668	3801	4370	4092	3819	3873	98.61	86.10
March	3620	3931	3599	3752	4000	4456	4335	3957	3947	100.25	89.21
April	4140	4248	4134	4320	4525	4774	4538	4372	4384	99.73	98.57
May	4314	3559	3875	4151	4279	5042	4760	4322	4225	102.30	97.44
June	4435	4760	4713	4818	4946	5349	4894	4829	4910	98.35	108.87
July	4844	5223	5103	5247	5541	5352	4912	5189	5297	97.96	116.99
August	4928	5335	5160	5252	5472	5827	5353	5325	5413	98.37	120.05
September	4411	4603	4749	4774	4864	5416	4994	4820	4862	99.14	108.67
October	4316	4478	4401	4499	4726	5257	5132	4701	4693	100.17	105.99
November	3901	4197	4322	4469	4107	4832	4567	4335	4385	98.86	97.73
December	3348	4083	3920	3975	3743	4377	4186	3952	4016	98.41	89.10
Daily average for year	4038	4300	4271	4382	4470	4929	4647	4436	4473	99.17	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-47
Functional Class

Route U.S. 93 - North of Florence
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	4436	511	11.5	488	11.0	475	10.7	465	10.5	460	10.4	455	10.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-48 YEAR 1980

LOCATION Hebgen Dam U.S. 287

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 19.8 % Foreign Pass Cars 42.8 % Pickups 29.8 % Commercial 7.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	30	32	32	34	34	42	43	35	35	100.00	11.22
February	76	49	38	44	36	62	62	52	46	113.04	16.67
March	63	46	35	43	37	57	67	51	44	115.91	16.35
April	123	57	51	59	56	65	99	71	57	124.56	22.76
May	261	179	165	183	173	219	291	212	185	114.59	67.95
June	542	395	444	422	460	479	567	474	440	107.73	151.92
July	1069	979	932	967	977	1009	1094	999	970	102.99	320.19
August	1185	960	984	983	923	959	1018	1007	962	104.68	322.76
September	515	534	437	493	476	494	514	494	487	101.44	158.33
October	260	190	169	189	180	212	277	209	189	110.58	66.98
November	111	81	63	69	78	99	127	92	78	117.95	29.49
December	60	43	51	43	35	50	57	48	44	109.09	15.38
Daily average for year	358	295	283	294	289	312	351	312	295	105.76	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-48
Functional Class

Route U.S. 287 East of Hebgen Dam
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	312	128	41.0	113	36.2	103	33.0	102	32.7	99	31.7	97	31.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-49 YEAR 1980

LOCATION Montana 39 - Colstrip M.P. 50.7

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 34.3 % Foreign Pass Cars 1.0 % Pickups 40.8 % Commercial 23.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	439	904	836	915	955	1014	751	837	922	90.78	70.57
February	536	1002	977	926	972	1080	792	904	996	90.76	76.22
March	607	1067	966	1003	1059	1271	885	968	1073	90.21	81.61
April	778	1425	1277	1270	1270	1507	1095	1234	1343	91.88	104.04
May	839	1318	1422	1431	1395	1739	1142	1336	1470	90.88	112.64
June	818	1398	1342	1366	1356	1631	983	1260	1417	88.92	106.23
July	830	1503	1403	1398	1485	1415	1006	1305	1440	90.63	110.03
August	929	1566	1579	1599	1495	1766	1153	1425	1609	88.56	120.14
September	883	1380	1478	1429	1443	1828	1243	1387	1504	92.22	116.95
October	820	1422	1420	1285	1247	1606	1204	1295	1394	92.90	109.18
November	811	1479	1365	1499	1206	1509	1220	1279	1412	90.58	107.83
December	678	1079	1052	1096	878	1170	1011	1003	1058	94.80	84.56
Daily average for year	747	1295	1260	1268	1230	1461	1040	1186	1303	91.02	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-49
Functional Class

Route Mont. 39 Just South of I-94
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1186	303	25.5	256	21.6	237	20.0	216	18.2	202	17.0	189	15.9